20010212.qrp v02_n096.qrl.20010212

Date: Mon, 12 Feb 2001 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2096

QRP-L Digest 2096

Topics covered in this issue include:

  1) [91357] If could only have just one radio...
     by "Rod Cerkoney" <n0rc@hotmail.com>
  2) [91358] RE: If could only have just one radio...
     by "Ed Tanton" <n4xy@att.net>
  3) [91359] RE: If could only have just one radio...
     by n2go@arrl.net
  4) [91360] list dead?
     by "Tracy" <tracy@bytemark.com>
  5) [91361] Re: If you could have only one radio...
     by "Rod Cerkoney" <n0rc@hotmail.com>
  6) [91362] Re: Building a Backpacking Station
     by david gauding <david.gauding@bbs.galilei.com>
  7) [91363] RCA 4013 RF PA Spec needed
     by "Rod Cerkoney" <n0rc@hotmail.com>
  8) [91364] Cub Fox Hunt this Monday night Feb 12
     by "Glenn Maclean" <glennmaclean@ix.netcom.com>
  9) [91365] Re: If could only have just one radio...
     by ad4ih@juno.com
 10) [91366] Fireside SSB Prelim Report de K2QO
     by "Mark Adams, P.E." <k2qo@hotmail.com>
 11) [91367] Re: RCA 4013 RF PA Spec needed
     by Phil Wheeler <w7ox@earthlink.net>
 12) [91368] The Doctor Builds a New Antenna
     by "James R. Duffey" <jamesd1@flash.net>
 13) [91369] Re: If I Had to Pick Just ONE Radio
     by K4YBB@aol.com
 14) [91370] QRM problem solved
     by RangerSF5@aol.com
 15) [91371] Electrical question
     by RangerSF5@aol.com
 16) [91372] QRP ARCI SSB Sprint @ K4FB
     by Paul Womble <pwomble1@tampabay.rr.com>
 17) [91373] Orlando Hamcation - nice group of guys
     by Nancy Rabel Hall <kc4iyd@yahoo.com>
 18) [91374] Re: If I Had to Pick Just ONE Radio
     by "N7SG K7FD" <cqdx@teleport.com>
 19) [91375] Re: RCA 4013 RF PA Spec needed

    by "Rod Cerkoney" <n0rc@hotmail.com>
20) [91376] Re: The Doctor Builds a New Antenna
    by WA3JAT@aol.com
21) [91377] Orlando (FL) Hamcation
    by w2xn@juno.com
22) [91378] Re: Orlando Hamcation - nice group of guys
    by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
23) [91379] Re: Orlando Hamcation - nice group of guys
    by Macstein@aol.com
24) [91380] TMPS - 30 meters from Cajun Land
    by n5ib@juno.com
25) [91381] FYBO 2001 RESULTS WQ0RP
    by "Larry Gaalaas" <lgaalaas@qwest.net>
26) [91382] got it
    by "Tracy" <tracy@bytemark.com>
27) [91383] What Kind of Antenna DOI REALLY Have??
    by K4YBB@aol.com
28) [91384] Re: Electrical question
    by Bruce Muscolino <w6toy@erols.com>
29) [91385] RE: What Kind of Antenna Drawing messed up!!
    by K4YBB@aol.com
30) [91386] Re: FYBO 2001 RESULTS WQ0RP
    by "Rod Cerkoney" <n0rc@hotmail.com>
31) [91387] Contest- QRP ARCI SSB Sprint @ K4FB **Corrected Score**
    by Paul Womble <pwomble1@tampabay.rr.com>
32) [91388] QRP ARCI SSB Sprint @ W9WIS
    by "Michael Melland" <badger@vbe.com>
33) [91389] Re: What Kind of Antenna DOI REALLY Have??
    by "Victor Blackwell" <victor@brecnet.com>
34) [91390] 3n204 / 3n211
    by "Tracy" <tracy@bytemark.com>
35) [91391] Re: If could only have just one radio...
    by "W7TRX" <w7trx@mindspring.com>
36) [91392] Re: What Kind of Antenna?
    by "Mike Duke" <k5xu@concentric.net>
37) [91393] ARCI SSB SPRINT
    by "Floyd Smithberg" <flydnq7x@primenet.com>
38) [91394] TMPS question
    by Pete Burbank <plburbank@kih.net>
39) [91395] qrp from Ecuador
    by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
40) [91396] Re: Another Tuna Tin mod - switched cap VXO
    by "Adrian Weiss" <aweiss@usd.edu>
41) [91397] RE: Coax between Rig/Tuner Figures
    by "Adrian Weiss" <aweiss@usd.edu>
42) [91398] FOX: Progressive Results Through Hunt 33
    by "Marshall Emm" <mgemm@mtechnologies.com>
43) [91399] Re: 3n204 / 3n211

by "Leon Heller" <leon_heller@hotmail.com>
44) [91400] 40m TT2 Beacon -- AGN
by "Chuck Carpenter" <w5usj@globeco.net>
45) [91401] RE: Arkiecon Dates?
by Nick Kennedy <nkennedy@tcainternet.com>
46) [91402] More, tuning . . . Re: The Quarter Wave Coax Advantage
by John R Kirby <n3aaz-qrp@juno.com>
47) [91403] RE: What antenna do I have - THANK YOU
by K4YBB@aol.com
48) [91404] Re: mobile cw
by Duane Alles <w9zm@yahoo.com>
49) [91405] Re: mobile cw
by "Mike Yetsko" <myetsko@insydesw.com>
50) [91406] Re: RCA 4013 RF PA Spec needed
by "Charlie Fitts" <cfitts@neca.com>
51) [91407] OP:K-2 vs FT-817 size comparison
by Richard Matthews <prm@hiwaay.net>
52) [91408] Re: QRM problem solved
by "Brian" <bmurrey@amexol.net>
53) [91409] Change in Truffle Hunt tomorrow
by Shephed@aol.com
54) [91410] Re: OT: Tube radio rehabs & the little shockies
by Robert Perkins <rperkins@gte.net>
55) [91411] Re: mobile cw
by "Brian" <bmurrey@amexol.net>
56) [91412] Re: RCA 4013 RF PA Spec needed
by "Rod Cerkoney" <n0rc@hotmail.com>
57) [91413] Re: RCA 4013 RF PA Spec needed
by "Brian" <bmurrey@amexol.net>
58) [91414] Re: RCA 4013 RF PA Spec needed
by Paul Womble <pwomble1@tampabay.rr.com>
59) [91415] OT Re: mobile cw
by Darrel Swenson <k0awb@tconl.com>
60) [91416] curing whoop/chirp
by "Rod Cerkoney" <n0rc@hotmail.com>
61) [91417] More QRP Challenges
by "William H. Launer" <wlauner@mail.win.org>
62) [91418] Re: mobile cw
by Bruce Muscolino <w6toy@erols.com>
63) [91419] Re: curing whoop/chirp
by Bruce Muscolino <w6toy@erols.com>
64) [91420] SSB Fox Hunt ?
by Paul Womble <pwomble1@tampabay.rr.com>
65) [91421] Re: mobile cw
by "Mike Yetsko" <myetsko@insydesw.com>
66) [91422] Re: mobile cw
by Richard Matthews <prm@hiwaay.net>
67) [91423] Re: mobile cw

by "Brian" <bmurrey@amexol.net>
68) [91424] Re: mobile cw
by Shephed@aol.com
69) [91425] Re: mobile cw
by Paul Womble <pwomble1@tampabay.rr.com>
70) [91426] RE: Antenna Charge Buildup
by Bill Coleman <aa4lr@arrl.net>
71) [91427] Re: mobile cw
by Shephed@aol.com
72) [91428] Logging Software Question
by Larry East <w1hue@amsat.org>
73) [91429] Re: mobile cw
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
74) [91430] OP:K-2 vs FT-817 size comparison
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
75) [91431] Re: The Doctor Builds a New Antenna
by Jeff <fantbb@yahoo.com>
76) [91432] Re: mobile cw
by Bob Patten <n4bp@bc.seflin.org>
77) [91433] Mobile CW
by ed.kwik@delphiauto.com
78) [91434] Re: mobile cw
by Bob Patten <n4bp@bc.seflin.org>
79) [91435] OP: desk stand for the Yaesu FT-817
by Richard Matthews <prm@hiwaay.net>
80) [91436] Re: mobile cw
by "Brian" <bmurrey@amexol.net>
81) [91437] Re: mobile cw
by Bruce Muscolino <w6toy@erols.com>
82) [91438] Re: mobile cw
by Bruce Muscolino <w6toy@erols.com>
83) [91439] Re: mobile cw
by "Brian" <bmurrey@amexol.net>
84) [91440] Re: bending aluminum ?
by Bill Coleman <aa4lr@arrl.net>
85) [91441] Re: bending aluminum ?
by Bill Coleman <aa4lr@arrl.net>
86) [91442] Re: SSB Fox Hunt ?
by "Adams, Mark" <madams@facilities.buffalo.edu>
87) [91443] Re: mobile cw
by Bruce Muscolino <w6toy@erols.com>
88) [91444] Re: RCA 4013 RF PA Spec needed
by Stephen M Smith <sigcom@juno.com>
89) [91445] RE: curing whoop/chirp
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
90) [91446] Re: mobile cw
by Bob Patten <n4bp@bc.seflin.org>
91) [91447] Re: RCA 4013 RF PA Spec needed

    by "laura halliday" <marsgal42@hotmail.com>
 92) [91448] Mobile CW
    by Pete Burbank <plburbank@kih.net>
 93) [91449] Elecraft K1 #525 Started
    by AF5Uqrp@aol.com
 94) [91450] Re: Custome Service - AADE L/C Meter
    by Rick Robinson <rerobins@email.uncc.edu>
 95) [91451] OT: W2AGN History
    by "John L. Sielke" <w2agn@pobox.com>
 96) [91452] Tips on Operating Mobile CW
    by <schoon@amgt.com>
 97) [91453] N4BP SSB Fireside Sprint
    by Bob Patten <n4bp@bc.seflin.org>
 98) [91454] Re: Tips on Operating Mobile CW
    by Euramcom <mel@euramcom.freeserve.co.uk>
 99) [91455] Re: Mobile CW
    by "Doug Hendricks" <ki6ds@dph.dpol.net>
100) [91456] FS: Sierra, IC-502A, OHR SCAF
    by "Mark Adams, P.E." <k2qo@hotmail.com>
101) [91457] Re: Mobile CW
    by "Jay Bromley" <w5jay@alltel.net>
102) [91458] C6A/WA3WSJ with K2
    by "Ron Polityka" <wb3aal@fast.net>
103) [91459] mobile cw
    by "T.W." <wb5qyt@abq.com>
104) [91460] **** DX ALERT *****
    by "Ron Polityka" <wb3aal@fast.net>
105) [91461] Fox: Cub Hunt
    by Dan Wolfe <n4roa@mounet.com>
106) [91462] [TOOLS] Catalog
    by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
107) [91463] MS-15
    by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
108) [91464] Re: Tuesday Meeting
    by Bob Nielsen <nielsen@oz.net>
109) [91465] Re: Tuesday Meeting
    by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
110) [91466] FS Again, MFJ Cub 40m
    by Ed Kessler <edkess@epix.net>

Date: Sun, 11 Feb 2001 17:21:34 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [91357] If could only have just one radio...
Message-ID: <F284HLJHzidVpdJkK9600008572@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

which one would it be?

Recent K2/FT-817 posts got me thinking....

Like many of you, I have owned/do own, several rigs. Applying the QRP philosophy to radio ownership I asked myself this question. The answer was: I can only get it down to 2: My KNWD TS-570(S)G and my K-2. Both radios have a small foot print, straight forward operator interface, affordable price tag and good paper specs. I also gave thought to my ideal rig:

Size: something between the K2 & K1

RX: General coverage 550kHz-30mHz
     Specs like the K2
     Optional Inrad Filter slots 2-3
     Maybe a "wideband" digi mode ala psk-20
     DSP with adjustments like the 570, but in the IF
     50-100 memories

TX: 1mw to ~30W max on all Amateur Bands

OTHER:
o Dual VFOs for split operation
o RIT/XIT
o Simple user interface like the K2
o easy on batteries <= 250mA RX; <=2Amp for 5W TX
o All mode, CW/AM/SSB...
o Computer control (maybe optional) via RS-232 ala KNWD
   (with good basic control S/W package bundled in)
o Available in kit form
o Field rugged case/chassis
o keyer like the K2, KNWD
o OPTIONAL microphone. ;-)
o built antenna tuner like the K2
o Tuning knob like the KNWD

73, Rod
Fort Collins, CO

_____
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Date: Sun, 11 Feb 2001 19:27:29 -0500

From: "Ed Tanton" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91358] RE: If could only have just one radio...
Message-ID: <CKEGICNFDIMCEKEDCEHFOECMGAAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A Ten Tec OMNI VI+ . Powers down to 5W just fine. Best rig I have ever
owned-shouldn't have sold mine.

73 Ed Tanton N4XY <n4xy@arrl.net>

website: http://www.n4xy.com

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA   GACW   QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 11 Feb 2001 19:40:36 -0500 (EST)
From: n2go@arrl.net
To: Ed Tanton <n4xy@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91359] RE: If could only have just one radio...
Message-ID: <Pine.LNX.4.21.0102111938580.3986-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was just going to say that the FT1000D is "da best" radio I have have
owned. But at 50 pounds it is tough to haul on the trail :)
Especially with a heavy keg of beer and food...
                  73,

                  Jim n2go

Date: Sun, 11 Feb 2001 19:44:50 -0500
From: "Tracy" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.EDU>

Subject: [91360] list dead?
Message-ID: <NCBBICHAOKICOGKIDOOGGEKCEEAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I haven't got anything from this list in a week ... have I been
unsubscribed? reply direct...
Tracy

Date: Sun, 11 Feb 2001 17:49:01 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [91361] Re: If you could have only one radio...
Message-ID: <F2552HUQCT7vzajiAkv000085dc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Check out the ARRL Homepage, same question!

73, Rod

>From: "Rod Cerkoney" <n0rc@hotmail.com>
>Reply-To: n0rc@hotmail.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: If could only have just one radio...
>Date: Sun, 11 Feb 2001 17:21:34 -0700
>
>which one would it be?
>

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Date: Sun, 11 Feb 2001 18:56:38 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [91362] Re: Building a Backpacking Station
Message-ID: <5.0.2.1.0.20010211175143.00a74050@bbs.galilei.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Steve & Karl,

I don't backpack much these days. Tramping through Hawn State Park for several hours and stopping to operate halfway along a primitive trail is about it. Otherwise, I pull up to a parking area and lurch over to the nearest picnic table with my radio gear and a snack! <g>

But, I do enjoy running portable along the Katy Trail using an old lightweight ten-speed for transportation. It's a bike path (actually a state park) that runs from near St. Louis almost entirely across the state. The trail is a converted right-of-way (Missouri-Kansas-Texas Railroad) dating from the mid-1800's. It borders the Missouri River much of the way and offers a number of scenic stretches. Many of the old farm towns along the way now cater to the biking community.

My current "trail radio" is a DSW-20 in a blank NC-20 case. I added a switched passband mod from N4LH and a GM4ZNX Bi-Directional Wattmeter from the St. Louis Tuner project. There is a 10-cell AA alkaline pack plus a back-up 9V battery inside the rig.

The key is a St. Louis Paddle on a 36" cable assembly. I normally use a set of ear-buds but the rig also has a speaker installed. I'll probably add a St. Louis Audio Amp before the summer rolls around. Mainly so curious trail-side visitors can easily hear what I am hearing. The DSW-20 design is a plus in this regard since it will tune up into the phone sub-band.

The antenna is either a St. Louis Vest Pocket Vertical or a St. Louis Quickie Vertical. I prefer the latter for the simplicity and quick set-up/breakdown feature of the design. The portable radial system is eight 8th wave St. Louis Radials with all conductors cut to 8.5'.

Either 11' antenna support breaks down into a 14" x 2" package. The accessories and rolled portable radials fit nicely in a small round Rubbermaid-type container.

The rig, battery pack, paddles, ear buds and antenna slip into a lightweight backpack along with food and a canned beverage or two. I have not weighed the loaded pack but it certainly isn't a significant burden.

The gear is ready to go here. Just waiting for one really nice day to get out there again.

de Dave, NF0R   nf0r@slacc.com

Date: Sun, 11 Feb 2001 18:04:06 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: qrp-l@Lehigh.EDU, fpqrp-l@mpna.com
Subject: [91363] RCA 4013 RF PA Spec needed
Message-ID: <F191vY6QRaGwXgljTCW0000859d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Tried google only found price.

Tried ARRL 2000 HB, didn't find it.

Tried Paul Harden's QRP Homebrewers Book not there either.

Stike 3 I'm out, HELP! ;-)

73, Rod N0RC
Ft Collins, CO

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Date: Sun, 11 Feb 2001 17:03:50 -0800
From: "Glenn Maclean" <glennmaclean@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91364] Cub Fox Hunt this Monday night Feb 12
Message-ID: <000701c0948f$aa736fa0$0a01c6c0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well boys and girls it is my time to be the cub Fox this Monday night Feb 12, 2001. My name is Glenn WA7SPY and I am located in Sacramento, CA. I will be coming out of the den around 7.142 plus or minus QRM. Please stay off my transmit frequency. I will be very liberal with my RIT. I plan to use my K2

and will have my K1 on standby as back up. I will be switching between a Gap Titan Vertical and a Carolina Windom.

I will call CQ WA7SPY Fox

You send your call once or twice. I will give your call at the beginning and end of the exchange. If I get everything I will send TU QRZ WA7SPY Fox. The process starts over.

Good luck and I hope to give out many pelts.
Glenn WA7SPY

Date: Sun, 11 Feb 2001 20:07:39 -0500
From: ad4ih@juno.com
To: n2go@arrl.net
Cc: qrp-l@Lehigh.EDU
Subject: [91365] Re: If could only have just one radio...
Message-ID: <20010211.200739.-3577853.2.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And THAT is why we have spouses. (Please burn your copy of this email lest it fall into the wrong hands!)

Joe Pirkle, AD4IH,
"Everyone seems normal until you get to know them."
ad4ih@juno.com / ad4ih@arrl.net

Date: Sun, 11 Feb 2001 20:14:01 -0500
From: "Mark Adams, P.E." <k2qo@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [91366] Fireside SSB Prelim Report de K2QO
Message-ID: <F89zAoa2JB1ndcx3Vp200013318@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

WOW, what FUN! Conditions on 10 and 15 were great for at least the first 2.5 hours. I had hopes of 100+ Q's but the the bands went stinko. Anyway, 3hr of operation yielded 65 Q's (45 on 10M, 19 on 15M and 1 on 20M)in 30 SPCs.

It was cool working guys who worked me as the fox, working foxes that I just worked, and working N7CQR who had just filled out a QSL card to me a few seconds before our QSO!

It will be interesting to see how N4 Baked Potatoe did on 20M. The whole SSB portion of the band was FUBAR. Very crowded. Aweful. The only way to do a contest like this on 20M is to use 14.150-170 or so.

Super many thanks to all those that found my 8W PEP.

Equipment: Omni 6+, TR Log, 10M HB 3-el beam up 20', 15M vertical dipole.

CU all in the CQC later this month.

72,
Mark K2QO

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Date: Sun, 11 Feb 2001 17:22:03 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: n0rc@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91367] Re: RCA 4013 RF PA Spec needed
Message-ID: <3A873ABB.8B15968B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod Cerkoney wrote:
>
> Tried google only found price.
>
> Tried ARRL 2000 HB, didn't find it.
>
> Tried Paul Harden's QRP Homebrewers Book not there either.
>

> Stike 3 I'm out, HELP! ;-)
>

The NTE xref says replace it with an NTE224. But they have no data sheet for that part :-(

Phil

Date: Sun, 11 Feb 2001 18:30:29 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [91368] The Doctor Builds a New Antenna
Message-ID: <B6AC8AC4.68CA%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

An ice storm and two nights of 50 mph + winds took a serious toll on my old antenna. The snow finally melted on the roof so I could get up on there and replace the antenna. This was also inspired by my turn as the fox on Tuesday.

I have used loops since 1994 and decided to chagnge to a dipole. There was no compelling reason other than to try something different. I put up a 44 ft dipole fed with 22 ft of 450 Ohm ladder line. This marks a departure from my use of good foam Radio Shack 300 Ohm twin lead for the last 3 years. The 450 ladder line is easier to work with, easier to strip, generally easier to handle, and I believe that the 450 Ohm line will will last longer.

The dipole is 44 ft long. I feel that this is the optimal length for a 40 M to 10 M antenna. The radiation is broadside to the antenna on all of these bands. The length, 44 ft, is about the shortest that will give good efficency at 40 M.

An Emtech ladder graber is used for the center insulator. If you are using ladder line, this is a must. Emtech has them, as does Radio Paul.

I fed the antenna with 22 feet of 450 Ohm feedline. From the end of the feedline I use a coiled coax balun to about 14 ft of RG-6 coax. This provides a low resistance feedpoint on 40 M, 20 M, 15M, 12 M, and 10 M. By low resistance I mean that the autotuner of the TS-850 can match it. It has a 3:1 SWR matching range (17 Ohms to 150 Ohms).

I want to get in on the TMPS, so I want to use the antenna on 30 M. The antenna did not match well on 30 M. This was not surprising. 44 ft is a half wavelength on 30 M. The feedline length of 22 ft is a quarter wavelength on

30 M and will transform the low impedance of the 44 ft half wavelength to a high impedance. I built another 22 ft length of transmission line that I can put into the circuit. This gives me 44 ft of transmission line at 10 MHz, or half a wavelength. A half wavelength transmission mirrors its input impedance at the output so it will provide a low impedance to the transmitter. I put this into the circuit with double bannana plugs, the kind used for 600 Ohn audio lines and built by Pomona. Radio Shack provides a cheap source of similar parts, but they are not as nice. Does anybody know of a good source of these connectors cheap?

The antenna seems to work nice. The fox on Tuesday shall tell the tale. -
Dr. Megacycle KK6MC/5
James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 11 Feb 2001 21:01:21 EST
From: K4YBB@aol.com
To: qrp-l@lehigh.edu
Subject: [91369] Re: If I Had to Pick Just ONE Radio
Message-ID: <cd.23cf236.27b89df1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The ONE Radio Choice for me is the "ICOM 756 PRO" It has features that

some $1mill. commercial radios do not have. A really fine radio.

73

Jim K4YBB

Date: Sun, 11 Feb 2001 21:07:50 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [91370] QRM problem solved
Message-ID: <6e.7b343b0.27b89f76@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I located the problem.
The Girl in the next apartment had an air cleaner hooked up to a timer.
I can only assume that as it got warmer the noise increased.
Well, when I pulled the plug my rig went down to below S-1.
I still hear slight frying egg sound but for living in an old historic town that still has some wires from the 1930s,
I consider myself very lucky
Just heard Germany running 3 watts working a mobile W9 station.
It looks like a good night for LATE NIGHT DX.
Thanks to all who responded with helpful tips.
Bob
WA2HOQrp <tm>

Date: Sun, 11 Feb 2001 21:22:35 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [91371] Electrical question
Message-ID: <ad.6c73e33.27b8a2eb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I have a question.
2 Questions really.
Although my wall outlets are 3 prong type,
all my outlets are showing open grounds.
Can I safely ground the system to my cold water pipe??
My rig is grounded to a cold water pipe and I don't care to have my rig used as a ground..
QUESTION #2
Is it normal for my RS counter to pick up the 60hz in different parts of my apartment?
I thought this 60hz was supposed to be suppressed?
I'm open for suggestions.
Thanks.
Bob
WA2HOQrp <tm>

Date: Sun, 11 Feb 2001 21:23:16 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91372] QRP ARCI SSB Sprint @ K4FB

Message-ID: <3A874914.DA103A11@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! My first SSB Sprint...it won't be the last!

There's no meters like 15 meters. That was the place to be. Lots of
callers and great signals.

Only 1 qso on 10. I didn't get on until 2200z. CQed for a few minutes
but no callers. Were conditions any better at the start?

20m was, well, 20m. Crowded up that high in the band. Still was able
to work a few there...really helped the S/P/C count.

I was only on from 2200z through 2255z. Next time I will remember to be
on for the entire time. Nice to put voices with some familar calls.

10m   1 q   1 S/P/C
15m   39 q's   21 S/P/C
20m   12 q's   11 S/P/C

52 q's x 33 spc's x 7 = 12,012 claimed score.

Stuff:
K2 # 568 @ 10 watts
Force 12 C3 tribander @ 75'

73
Paul K4FB

Date: Sun, 11 Feb 2001 18:31:23 -0800 (PST)
From: Nancy Rabel Hall <kc4iyd@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91373] Orlando Hamcation - nice group of guys
Message-ID: <20010212023123.18427.qmail@web614.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi gang,

I don't regularly post to this list, in fact I usually
just lurk and read everyone else's post. However,
this past weekend I happened to be in the Orlando,

Florida area and was able to stop by the Orlando Hamcation. While there, I ran into a few real nice guys from this list and I promised them I would post about our get-together. Therefore, I want to say hi again to:
Paul K4FB, Tom N1TP, Joe AD4IH and Fred W2XN.

It was real nice meeting you guys in person. I've read your posts from time to time and even though I was a total stranger to you when I said hi and introduced myself, you made me feel very welcomed. I hope to catch you on the air one day and I will try to catch some on you during a future foxhunt.

For those wondering how I found these guys, I had written down the callsigns of those people from this list who posted that they were going to be at the hamfest. I then carried that list with me and matched the callsign on my list with that on their hat or shirt. This is how I met Joe and Paul. Tom and Fred I met when I overheard one of them saying QRP (amazing how you can pick up a certain word in a crowd) so I checked my list and recognized Tom's callsign. Others on my list that I didn't see included: AF4PS, NR4E, N4EVK and Henry from FSU. I was only there on Saturday from 10:30 until 12 noon so don't know if I missed you guys or if you came on another day.

73/72 de kc4iyd/8
Nancy

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35 a year! http://personal.mail.yahoo.com/

Date: Sun, 11 Feb 2001 18:34:01 -0800
From: "N7SG K7FD" <cqdx@teleport.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [91374] Re: If I Had to Pick Just ONE Radio
Message-ID: <008401c0949c$43317e60$48231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"

Content-Transfer-Encoding: 7bit

If I had to pick just one radio, keeping to the qrp philosophy, I don't know how I could choose anything but the K2, especially with the internal battery. If the walls came crashing down around me, I could grab the K2 and head for the hills...

73 John K7FD

Date: Sun, 11 Feb 2001 19:36:33 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: w7ox@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [91375] Re: RCA 4013 RF PA Spec needed
Message-ID: <F63PRNpONFy8uquIX5z0001089c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

DRAT! Forgot NTE ;-} (red faced smiley)

NTE allows wild card searching. So, I plugged in "2sc*" and got several "2SC" types cross referenced to NTE224. Back to google.

Thanks Phil.

73, Rod N0RC
Ft Collins, CO

>From: Phil Wheeler <w7ox@earthlink.net>
>To: n0rc@hotmail.com
>CC: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Subject: Re: RCA 4013 RF PA Spec needed
>Date: Sun, 11 Feb 2001 17:22:03 -0800
>
>
>
>Rod Cerkoney wrote:
> >
> > Tried google only found price.
> >
> > Tried ARRL 2000 HB, didn't find it.
> >
> > Tried Paul Harden's QRP Homebrewers Book not there either.

> >
> > Stike 3 I'm out, HELP! ;-)
> >
>
>The NTE xref says replace it with an NTE224. But they have no data
>sheet for that part :-(
>
>Phil

____
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---

Date: Sun, 11 Feb 2001 21:39:46 EST
From: WA3JAT@aol.com
To: jamesd1@flash.net, qrp-l@lehigh.edu
Subject: [91376] Re: The Doctor Builds a New Antenna
Message-ID: <2d.7545b17.27b8a6f2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Jim: Your new antenna would appear to be a center fed zepp. There is an excellent article on this antenna in the February 1984 73 magazine with minimum lengths for different bands. This antenna can have an overall length of 54 feet (27 feet each leg) and still work very well on 40-10 meters. I installed this length antenna in 1984 and used it for about six years until I put up a tower and beam and worked dx even on 40 meters. If you add 10 more feet to each leg (54 feet each leg), this antenna will work quite well on 80 meter band as well. I assume you are using a tuner with 4:1 balun for all bands (at least that is how I used it). Have fun with new antenna.
73,
Jim WA3JAT

Date: Sun, 11 Feb 2001 21:46:52 -0500
From: w2xn@juno.com
To: qrp-l@Lehigh.EDU
Subject: [91377] Orlando (FL) Hamcation
Message-ID: <20010211.214658.-748985.2.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Orlando (FL) Hamcation was great. Lots of new rigs to see, great to browse the tailgates, and most of all great to see some of the people and put "real people" with their callsigns. Even had a chance to chat with a couple old friend hams from my home town in southern Calif (Placentia) at their booth, "Nuts and Volts". Of particular, meeting a new person, Nancy, kc4iyd/8, while I was talking to Tom, N1TP, another Swamp Rat. Thanks for stopping and talking, Nancy. Hope to have a QSO with you soon.

Fred W2XN   w2xn@arrl.net
ARRL, ARES, Skywarn #POL-007, V E;
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

_____
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http://dl.www.juno.com/get/tagj.

Date: Sun, 11 Feb 2001 21:52:55 -0500 (EST)
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: Nancy Rabel Hall <kc4iyd@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91378] Re: Orlando Hamcation - nice group of guys
Message-ID: <Pine.BSF.4.10.10102112151390.69104-100000@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Henry from FSU (aka N5HF) was there. He was at the meeting in the midway at 1100. He is sri that he missed you.

Date: Sun, 11 Feb 2001 22:01:30 EST
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [91379] Re: Orlando Hamcation - nice group of guys
Message-ID: <20.11e58fdf.27b8ac0a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/11/2001 9:56:36 PM Eastern Standard Time,
henryf@quartz.gly.fsu.edu writes:

> Henry from FSU (aka N5HF) was there. He was at the meeting in the midway
> at 1100. He is sri that he missed you.

Well, Mac AF4PS had to work on Sat and Sun... so was unable to make the trek over I-4. Sorry to miss Nancy, Henry and the Swamp Rats! Next year!

-MAC-
AF4PS

Date: Sun, 11 Feb 2001 22:05:37 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [91380] TMPS - 30 meters from Cajun Land
Message-ID: <20010211.210353.4655.3.n5ib@juno.com>

Just had a nice QSO with AF4PP in GA, who was using a 39 Special, then N0FL in MO on his Omni 6+, but with a WARC HW-9 on the shelf. Maybe he'll put it on the air soon.

Lots of loop antennas heard, and several Argosy and Argonaut rigs. So far only two 38 Specials. Come on guys, drag 'em out and put 'em on.

72
Jim N5IB

TMPS-2001 from Baton Rouge, East Baton Parish, LA
Jan 11 - Feb 11, 2001
Q's = 46 States = 18 Counties = 37 DX = 8
GM-30 (autographed by NN1G), 2 watts, J-38 straight key
40 m full-wave horizontal loop at 15 ft
LA FL AZ ND SC TX AL IA CO CA WI NM KY GA MO IL OK AR
DX: K CO2 XQ1 V31 ZF2 XE1 PT2 HI3
see the rig at <http://www.qsl.net/n5ib>

_____
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http://dl.www.juno.com/get/tagj.

Date: Sun, 11 Feb 2001 21:06:56 -0600
From: "Larry Gaalaas" <lgaalaas@qwest.net>
To: mnqrp-l@qth.net, " Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91381] FYBO 2001 RESULTS WQ0RP

Message-ID: <00ef01c094a0$dc240440$0300000a@larry>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Our results have been tallied and submitted as follows:

QSOs 228 X 43 SPC X 6 (temp mult) X 4 (field) X 2 (alt
power)= 470,592 total points.

Thanks to all who participate in FYBO, it has been our favorite contest over the years and we can't do it without all the other stations.

See http://www.qsl.net/mnqrp/fybo2001.htm for pics of this year's FYBO, and backup to http://www.qsl.net/mnqrp/ for our home page and pics from other events.

We will try to add more info to our fybo2001 page like the log and some names and comments. But for now the pictures in order are N0UR Jim, K0SQ Chuck and W0LER John, Craig AA0ZZ and our club president Pat K0PC, Mert W0UFO and Pat again, and again Mert and Pat, Mert and Jim, past president Les N0PPF, then Jim, and finally Les once more.

Notice that we were using Pat's K2, yes all of us are trying to figure out how we can get one. Logging on an old Epson laptop. Outside were an R7 vertical and an 40m inverted vee.

73,
Larry kb0r

Date: Sun, 11 Feb 2001 22:09:26 -0500
From: "Tracy" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.EDU>
Subject: [91382] got it
Message-ID: <NCBBICHAOKICOGKIDOOGMEKFEEAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

thanks all - got back receiving the stuff ... it was a darned IMAP folder issue ... thanks again!
Tracy N4LGH

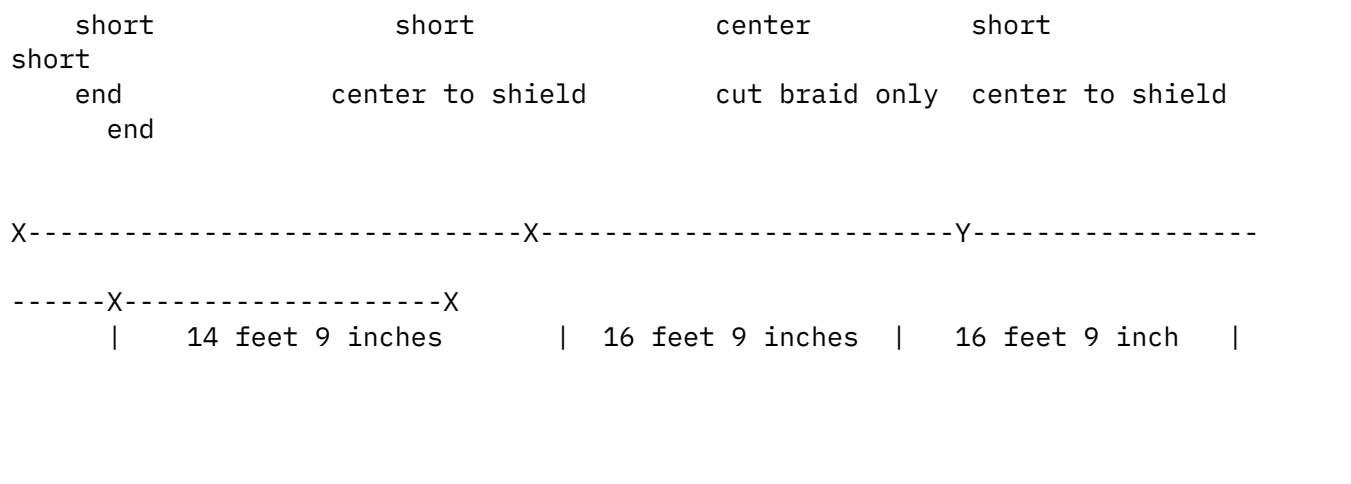
Date: Sun, 11 Feb 2001 22:15:27 EST
From: K4YBB@aol.com
To: qrp-l@lehigh.edu
Subject: [91383] What Kind of Antenna DOI REALLY Have??
Message-ID: <90.100b5da2.27b8af4f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

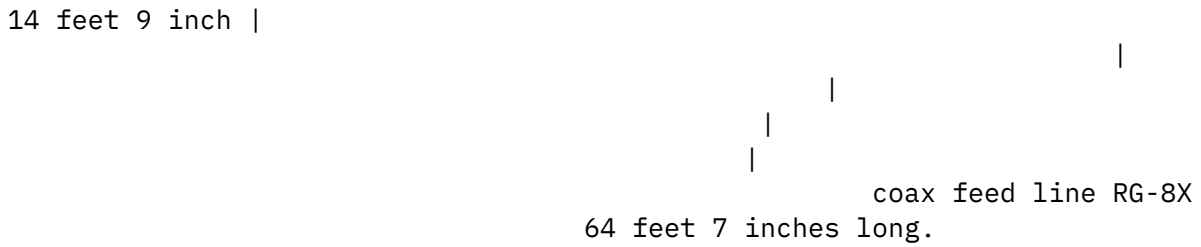
I Have found an old OLD copy of a antenna design that I don't completely understand and would appreciate any info that the group could provide. "OFF LIST PLEASE"

The instructions say to (This is for 40 meters) cut a 64 foot length of RG-8X coax and then start at the center of the length of coax. Remove 1" of outer jacket at center of length of coax and thn cut the shield at the center making a shield pig tale on each side of the 1" opening. DO NOT CUT ths center insulator or center wire of the coax.Now 16 feet 9 inches from center on each side of the llength of coax remove 1" of outer jacket and without cutting too much of the shield remove the center inslation of the coax and short the inner conductor to the shield. do this to both sides of center of cable. now from the shorts on each leg measure 14 feet 9 inches and cut and short the inner conductor to the shield of the coax. Now cut a 64 foot 7 ionch length of the same RG-8X cable and attach to center shield pig tales at the center of the first length of coax you prepaired..

   I know the antenna can be used as an inverted V or a dipole and it works well.
 what i would like to know is what type of antenna is this thing called.

Drawing below:





I hope someone knows what this antenna is and more importantly what the formula is to figure the different length. I would like to make some like this one only for the other bands. Any info appreciated. PLEASE REPLY OFF LIST

Thank you

73

Jim K4YBB

Date: Sun, 11 Feb 2001 22:13:06 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: RangerSF5@aol.com, qrp-l@lehigh.edu
Subject: [91384] Re: Electrical question
Message-ID: <3A8754C2.1D3939DB@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

There is only one way to check your outlets. Turn off the power and unscrew teh cover, Look at teh putlet amd see if a third wire is connected to the outlet. It is required by law, if it is not there report it to the electric company!

You should not be seeing 60 hZ in open air situations around your apartment. Again, have the electric company in to see teh problem. We ahve had misunderstandings before but you deserve better conditions!

73

Date: Sun, 11 Feb 2001 22:21:59 EST
From: K4YBB@aol.com

To: qrp-l@lehigh.edu
Subject: [91385] RE: What Kind of Antenna Drawing messed up!!
Message-ID: <9b.10bbf95f.27b8b0d7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

    Sorry about the drawing messed up I'll get this firured out yet..
Thanks for any info

Tnx & 73

Jim K4YBB

Date: Sun, 11 Feb 2001 20:23:49 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: lgaalaas@qwest.net, qrp-l@Lehigh.EDU
Subject: [91386] Re: FYBO 2001 RESULTS WQ0RP
Message-ID: <F119dyt3cew8k69RKLp00010697@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Larry,

>From: "Larry Gaalaas" <lgaalaas@qwest.net>
>Reply-To: lgaalaas@qwest.net
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: FYBO 2001 RESULTS WQ0RP
>Date: Sun, 11 Feb 2001 21:06:56 -0600
>
>Our results have been tallied and submitted as follows:
>
>QSOs 228 X 43 SPC X 6 (temp mult) X 4 (field) X 2 (alt
>power)= 470,592 total points.
>

There is no excuse for Minnesotans(sp) _not_ to win this 'test. ;-)

>See http://www.qsl.net/mnqrp/fybo2001.htm for pics of this year's FYBO, and

Nice PIX! As I viewed them a little voice in my head told stories of Lake
Wobegone.

Be Well, Do good work and Stay in touch.

73, Rod N0RC
Fort Collins, CO (present)   St Paul, Shoreview 1983-88
_____
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---

Date: Sun, 11 Feb 2001 22:32:08 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91387] Contest- QRP ARCI SSB Sprint @ K4FB **Corrected Score**
Message-ID: <3A875938.C7641CFE@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Forgot to add up the qso points. Correct info:

224 qso points x 33 spc's x 7 pwr mult = 51,744 claimed score.

73
Paul K4FB

Date: Sun, 11 Feb 2001 21:39:56 -0600
From: "Michael Melland" <badger@vbe.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91388] QRP ARCI SSB Sprint @ W9WIS
Message-ID: <002901c094a5$78ceb020$d1824d40@0019896170>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This was my first QRP Contest as well..... I had pretty good luck
considering I was using a Gap Titan DX full of ice. Here's the final talley
for me:

10m - 55 qso points, 8 S/P/C
15m - 133 qso points, 18 S/P/C
20m - 62 qso points, 9 S/P/C

Total of 61,250 points.

Station: Ten-Tec Omni V @ 10 watts into an ice covered, ground mounted Gap Titan DX vertical.

I too recognized lots of calls..... chatted with Jim, AL7FS in Alaska as one of my first qso's of the contest on 10 meters and he was my last qso of the event on 15m at 2346Z as well. Sure was fun !! No for that new qrp class in the Wisconsin qso party in March ! Woo Hoo !!

72/73 de Mike, W9WIS

Date: Sun, 11 Feb 2001 22:51:19 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: <K4YBB@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [91389] Re: What Kind of Antenna DOI REALLY Have??
Message-ID: <001501c094a7$0f2c88c0$505730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is a Bazooka antenna. It is no d..... good. It was only popular for a couple of years in the early sixties. It was introduced by Charley Wessle, W8TV. (SK) Who took his down in the early spring after putting it up in the late fall. No better than an ordinary dipole. Three times harder to keep up due to excessive weight. Hard to keep water out. On and on. Waste of money.

Why did you want off line response? Don't you know what mail reflectors are for?

Vic AD8K

-----Original Message-----

>I Have found an old OLD copy of a antenna design that I don't completely
>understand and would appreciate any info that the group could provide. "OFF
>LIST PLEASE"
>

Lousy antenna deleted....

Date: Sun, 11 Feb 2001 23:01:59 -0500
From: "Tracy" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.EDU>
Subject: [91390] 3n204 / 3n211
Message-ID: <NCBBICHAOKICOGKIDOOGEEKIEEAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

remember those? is there a preferred replacement? I used to use those
thiinterchangably, but ran out ...

Tracy N4LGH

Date: Sun, 11 Feb 2001 20:43:19 -0800
From: "W7TRX" <w7trx@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91391] Re: If could only have just one radio...
Message-ID: <007301c094ae$53632240$132579a5@dell>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Rod Cerkoney <n0rc@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, February 11, 2001 4:21 PM
Subject: If could only have just one radio...

> which one would it be?

My ideal radio doesn't exist yet. My wish list:

Mobile/portable/field/base radio-
SSB 5-20w PEP (All I need to get the job done)

HF 80m-10m (including WARC) + 6m & 2m (High enough and low enough for me)
RX current <150mA (Taking it easy on the gel cells)
Capable of running at 12 vdc (lower would be better) without becoming unstable or other problems.
The operating simplicity of the Ten-Tec Scout. Intuitive operation. (No menus please).
Small and light weight. (But not so small that the urge to create menus returns. Not interested in bizarre strings of function keys either).
The ruggedness of the SG-2020.
A pinch of Yaesu FT-817 with a dash of Yaesu FT-7
Keep the bells, whistles and fluff. Just give me a good, solid, reliable, easy to use radio.

I keep my fingers crossed this will show up on my dealers shelf someday. Till then, I'm having a blast with My Icom 706IIG.

73, Tracy
W7TRX

Date: Sun, 11 Feb 2001 22:46:13 -0600
From: "Mike Duke" <k5xu@concentric.net>
To: <K4YBB@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91392] Re: What Kind of Antenna?
Message-ID: <000101c094b0$3a2f30a0$10320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think it was called the Double Bazooka. it was supposed to be really broad banded. Variations of this antenna used copper wire or 450 ohm line from the 16.9 ft shorting points to make up the remainder of the antenna.

I had one for several years that did okay for 75, but, never got my 40 meter model to work much. I think my shorting points were at the wrong place.

Anyway, stick to a good dipole and a tuner if you want to cover the entire band.

K5XU

Date: Sun, 11 Feb 2001 22:05:02 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Subject: [91393] ARCI SSB SPRINT
Message-ID: <002a01c094b1$76586280$871ed440@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oi, such condx...10 & 15 were HOT, but QRO on 20 made it impossible.....
especially since I was running a shade under 2W on my WM2 modified for
PEPav.
A few minutes before the test started I heard GM0EWX
with a pileup going....when he stoodby for 6&7 I got him on 2nd call with
less than 2w. Wow, maybe I'll go for the 10 multiplier in the sprint. Still
can't believe the results I had....It was fun working guys with familiar
calls heard on the Fox hunts and from QRP-L and again worked N4BP on 3
bands. Jim, AL7FS answered my CQ on 10 and had a great 9+ sig here. Heard
K2s mentioned a number of times and they sounded great.

BAND	QSOs	Points	Mults
20SSB	1	5	1
15SSB	43	194	23
10SSB	32	121	21
Totals	76	320	45

Score = 320 x 45 x 10 = 144,000

Equip: TS850s, triband 40+', 486TP w/TR-LOG656
Total op time=3.75 hrs. Best 1 hour rate=35Qs.
Tnx Randy, ARCI and all participants for a real BLAST!
Ya'all get on next weekend for the ARRL CW DX test and send your logs in!
73 Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

Date: Mon, 12 Feb 2001 00:21:35 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [91394] TMPS question

Message-ID: <5.0.2.1.0.20010212001227.00a64d50@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I must have missed the info on this test on my favorite band due to computer problems. Is there an info source?
73 to all
Pete NV4V

Date: Mon, 12 Feb 2001 00:33:37 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [91395] qrp from Ecuador
Message-ID: <018301c094b6$48e99440$7ff4fea9@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will in Azogues, Ecuador in the beginning of March and will bring my FT817 for some qrp operating in the evening (15 meters) and night (20 and 40 if not too noisy). I will be signing AC3A/HC5

Scott

Scott Olitsky
AC3A
Buffalo, NY
FN03pa

AC3A@arrl.net

144 MHz EME
4 x M2 9SSB
8877 PA by antennaworks
MHP - 145 preamp

Date: Mon, 12 Feb 2001 08:02:11 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [91396] Re: Another Tuna Tin mod - switched cap VXO
Message-ID: <G8MRCU00.OA2@mail.usd.edu>

Hi Keith and gang:

As a follow-up to your description of the switched inductance VXO approach, I thought I'd call attention to Mike Branca's (W3IRZ) article in the latest QRP Quarterly "QSY BOX". Has the circuit and results for a 3686kHz HC-6 xtal in his tube rig. He gets a ragne of 3685.1 - 3687.5 by switching various combinations of 20, 30, 40, and one 70uh chokes w. a 9-pole rotary switch.

72, Ade

Date: Mon, 12 Feb 2001 08:26:18 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [91397] RE: Coax between Rig/Tuner Figures
Message-ID: <G8MSH200.H8K@mail.usd.edu>

Hi Nick & gang:

"Hello Ade--
My interpretation of your measurements would be that the matched line does *not* do any transformation, within the limits of measurement accuracy.
72--Nick, WA5BDU"

In practical terms, the transformation is usually negligible, but a transformation does occur. And it can have a definite impact upon the amount of r.f. that the rig will deliver into the short piece of coax. That was the point of the comment about the low-pass filter swamping.

The first I noticed this was back when I put an external wattmeter in the line from my Argo 505 to the tuner and noted that the two meters never agreed. That is, either one or the other was at 1:1 or 1.05-1.1 or more :1. The same results obtain as described with two LED bridges.

As far as the impact upon output, I did some fooling around with the QRP+. With the c.w. drive adjusted for an output into a dummy load of 3w. thru a 6" piece of coax, I then switched to the tuner/ant load thru a 3-ft piece of coax. Tweaking the tuner would produce up to 4.8w output. The LED bridge "lites off" adjustment at the QRP+ output never occurred (no tables of readings here -- just random test) at the 1:1 reading on the SWR bridge at the end of the 3-ft piece of coax.

The calcs and measurements coincide. A standard "green thumb" approach to adjusting a non-adjustable low-pass filter is spreading or compressing the turns. All this does is change the L/C ratios and hence the impedance

transformation occurring in the filter sections. Or, other articles about optimizing lowpass filters jiggle turns and capacitor sizes to achieve the maximum efficiency or output and purity, or all three.

The quite small impedance transformations shown in my figures do the same thing -- analogous to adding some capcitance in parallel or inductance in series to the second half of the lowpass filter.

The original posting called the phenomenon something like "RE: Odd Problem." It's not really all that odd.

Whether the impedance transformation does affect a given rig and piece of coax to a tuner can only be found out experimentally. I suggested one method -- two LED SWR indicators. Two SWR bridges work the same. To verify results, switch the two units (either kind), and see if the difference is due to the instruments rather than the transformation. If they're the same, the results should be the same.

72, Ade

Date: Mon, 12 Feb 2001 00:25:26 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [91398] FOX: Progressive Results Through Hunt 33
Message-ID: <3A872D76.32347.279C8EF@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Foxhunt results through Hunt 33 have been posted on the web site at http://www.cqc.org/fox .

I'll append the hounds results for the benefit of those who don't have web access....

73
Marshall (ET) N1FN
33 out of 33 ...PERFECT SCORE
N1LN
N5TW

32 out of 33
K0MP
K5AAR
N4ROA

N9AW
NQ7X
W0CH

31 out of 33
K0EVZ
K5VUU
K5ZTY
K7FD
K7RE
KK5LD
N1FN
N2WW
N5ET
NK7M
W9XU

30 out of 33
K4FB
KI0II
KQ5U
N1TP
W0PWE
W5SB
W5YR

29 out of 33
AF4PS
K5JHP
N6WG

28 out of 33
AC5JH
K1OJ
N0UR
NK9G
W5HNS
WA9TZE

27 out of 33
K5DW
VA6RF
W0JOE
WA5OJE

26 out of 33
AF4LQ
K9IUA

N0AR
W0UFO
WE6W

25 out of 33
K0PC
K5LN
K8CV
W5USJ

24 out of 33
AA0ZZ
AE9K
K5EOA
KC1FB
NK6A
VE5RC
W0RSP
WE9K
WS4S

23 out of 33
AA7EQ
N0TU
N5EN

22 out of 33
K4BYF
K5DI

21 out of 33
K0FRP
K5OI
K6VNX
N5UW
W6ABC
WA7TQK

20 out of 33
AB0CD
N8IE

19 out of 33
KB7WW
N5ZE
NV4V

18 out of 33

N5IB
W5TB

17 out of 33
KJ0C
N0DSP
N0EHW
N4SO
N5IW
W9XT

16 out of 33
W2XN
W4NJK

15 out of 33
N5GLQ
W7AQK

14 out of 33
AA7XA
K2QO
KR5C
N2CQ
N2ZHY
N5WL
W8SFF
WA7SPY
WR5O
WU9F

13 out of 33
AA2PF
K5JS
K7QO
KV2X
NW7DX
VE3FAL

12 out of 33
AC3A
KB1ENS
N5JI
N8VAR

11 out of 33
AB8DF
K3IU

KD7CTF
KK7GG
N1ODL
NM5M
VE6JAZ
WB9HFK

10 out of 33
K4TJD
KA1DDB
N2LO
N7CQR
W9UQB

 9 out of 33
AD6JY
AJ4AY
AK1P
K7EL
KF4AR
W8RU

 8 out of 33
K0YWD
K4GT
KE6RS
NF0R
NY3M
W0RW
W3PNL
WB8ICN
WE7G

 7 out of 33
AB0GO
K1JD
W0HEP
W3ERU
W5NC
W7ILW
WA7LNW
WB7AEI

 6 out of 33
K1CL
K2FN
K3NG
K5AEM

K5PSH
KE1LA
KE6JJJ
N4VM
N9QIL
W2APF
WV9N

5 out of 33
AB5XQ
AF4PP
K0QD
K2UD
K5GQ
K8DD
K8ZT
KB7LJP
KG4BIG
KU7Y
N7XY
W8PIG
WA0SXV
WA5REJ
WA9PWP

4 out of 33
AA5UN
AC7CF
AE4Y
K3QIA
K4BB
K7TQ
KE5TF
KF4VTM
KI0RB
KK6MC
N0TK
N3AO
N6XG
N9SE
NC9O
NQ7K
W0AV
W1HUE
WY1W

3 out of 33
AA3SJ

AE6TT
KA3WTF
KB9BVN
KF0N
KF2P
KS4L
N0IT
N2SMH
N2WF
N3YSI
NZ4E
W5PF
W8DIZ
WB5QYT
WD5CMA

2 out of 33
AD2A
AD6JV
AG0T
AK7Y
K0AB
K1MG
K3GGN
K4ADI
K4NK
K5LD
K5RV
K5WL
K6WG
K7JY
KA3WMJ
KB7X
KC0EPD
KC3VO
KD3OG
KD5CMN
KD7GTI
KI0KY
KL7H
KM1Z
KR0I
N0HRL
N1RZ
N4EUK
N4JIU
N5IG
N6NU

N7GS
N7SG
NP3D
NT1R
NT2A
NU8S
VE6EX
W0CQC
W0HEM
W0NF
W2WG
W3KC
W3SMK
W4IM
WA5KKY
WB6JBM
WB8WTU
WB8YRB
WF3J

1 out of 33
AA2MT
AA3UR
AA4LR
AA4XX
AA6AV
AA7RQ
AB0CO
AB0MO
AB6JY
AC5II
AC5IL
AC6YD
AD2R
AD6Y
AE4IC
AE4MU
AE7EQ
AF5Z
AK2PF
JR1NKN
K0CKD
K0SQ
K0YO
K10RB
K1FN
K1IZ
K1OC

K1ZW
K2LP
K2VCO
K3AS
K3NY
K4AVX
K4BXP
K4NLZ
K4NR
K4TWJ
K5ACM
K5DW`
K5HL
K5II
K5KW
K5OHL
K5OJ
K5ROV
K5TCC
K5TR
K5VB
K7NWS
K7XA
K8EP
K8MP
K9DD
K9ORN
KA7DDB
KA8OKH
KB0R
KB7N
KB8FE
KB8WW
KC0JDP
KC0JPY
KC5RPF
KC5U
KC7TFP
KD6JV
KD7FTI
KD7QK
KE0EPD
KF3DY
KG4JZR
KG4KCY
KG5U
KI0OT
KI6RS

KJ5X
KK4LD
KL7IXE
KQ7M
KT5X
KU4TN
KV4EE
N0AAA
N0ARA
N0ZM
N1KI
N1KY
N1YXU
N2CX
N2GO
N2JJ
N2TA
N3WT
N4NO
N4UY
N4XY
N5AM
N5OHL
N5PJY
N5RL
N7GR
N8MX
N8PIG
N9AU
N9IUA
N9KW
NA3V
NA6E
NB6M
NX9Z
VA7NT
VE2ZA
VE3DCS
VE5JC
VE7SL
W0CD
W0CQC-2
W0FWE
W0IS
W0LK
W1GL
W1IBL
W2RBA

W2ZGB
W2ZU
W3CD
W3DP
W3EEK
W3ERV
W5AK
W5HB
W5PFR
W5SD
W5SX
W5TA
W5VWI
W5YA
W5YS
W5YW
W6AAN
W6SU
W8IFF
W8RW
W9ODD
W9RN
W9UQN
W9YK
WA2TDL
WA3WTF
WA4QDM
WA5BDU
WA5OPE
WA6R
WA8BXN
WA9FET
WA9NZI
WB0CFF
WB5BEK
WB5BJD
WB5CUA
WB6IFF
WB8RCR
WB8UOJ
WB9OFG
WD8KQY
WI4S
WJ3I
WQ8RP
WV9T
WY1WK

Hounds allocated: 422
QSOs allocated: 3275

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
http://www.mtechnologies.com

Date: Mon, 12 Feb 2001 08:29:38
From: "Leon Heller" <leon_heller@hotmail.com>
To: tracy@bytemark.com, qrp-l@Lehigh.EDU
Subject: [91399] Re: 3n204 / 3n211
Message-ID: <F290IMA2SHUdmK2v5jc00009398@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Tracy" <tracy@bytemark.com>
>Reply-To: tracy@bytemark.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: 3n204 / 3n211
>Date: Sun, 11 Feb 2001 23:01:59 -0500
>
>remember those? is there a preferred replacement? I used to use those
>thiinterchangably, but ran out ...

I think the 3N204/3N211 were dual-gate MOSFETs. The package is different,
but the BF981 should work. They (or an equivalent) are available from
Farnell.

73, Leon

--
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: http://www.irisys.co.uk

____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Date: Mon, 12 Feb 2001 05:48:22 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [91400] 40m TT2 Beacon -- AGN
Message-ID: <3.0.2.32.20010212054822.007f7a30@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

QRP-Lers,

The Manhattan-style TT2 circuit now has VXO along with other W1FB mods.
The tuning range is from about 7122 to 7128. About 150 mW to the antenna.

I'll have it on the air again tonight, Monday 12 Feb, from 0100 to 0130.
The freq will be around 7122 to a little plus depending on QRM.=20

I'm keying it with a PK-3 keyer and the whole thing will be running from
batteries. I'm using a ZM-2 coupler and the antenna will be my Butternut
HF9V (Fox killer).

Let me know if you hear it and many thanks. =20

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP =96 http://www.angelfire.com/tx4/netxqrpclub/
[TMPS] Qs - 35 States - 19   DX - 7   3W to Butternut HF9V

Date: Mon, 12 Feb 2001 05:52:39 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91401] RE: Arkiecon Dates?
Message-ID: <01C094B8.02CA9CA0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello Jim--

I would send it privately, but I had a heck of a time finding the Arkiecon link myself. So here it is for the general public:

http://www.alltel.net/~kmike/arkiecon.html

It's April 6, 7, 8--with the hamfest itself Saturday the 7th.

It would be great to see you there.

72--Nick, WA5BDU

-----Original Message-----
From: Jim Kortge, K8IQY [SMTP:jokortge@prodigy.net]
Sent: Friday, February 09, 2001 2:36 PM
To: Low Power Amateur Radio Discussion
Subject: Arkiecon Dates?

Could someone privately send me the dates again for
Arkiecon. I didn't think I would be able to go, but
maybe it is in the cards. Of course, none of the
previous post were kept! :-)

72 and many thanks,

Jim, K8IQY

Date: Mon, 12 Feb 2001 07:14:11 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: w5yr@att.net, qrp-l@Lehigh.EDU
Subject: [91402] More, tuning . . . Re: The Quarter Wave Coax Advantage
Message-ID: <20010212.071517.-230407.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Thanks George,

 "George, W5YR" <w5yr@att.net> writes:
>>Downside: they can be "broad" in their frequency response although
>>quite sharp in tuning to proper length.

Yes, true, now, the good news and the bad news . . .

'skirts' (slope) are not steep.
A three pole L-C filter has steeper skirts,
however the notch of one stub (center frequency)
is DEEP (20 to 40 dB typical).

The more stubs you 'parallel' the steeper the skirts get.

They (stub notch filters) can NOT be used for 'same' band work . . .
because their skirts are too shallow.
Their 'clame to fame is adjacent band (or greater) rejection.

Like for Field Day work or
did you ever live near or work on
a HF military transmitter site ? WOW !

Coax stubs are very easy to tune,
a signal generator and o'scope (or MFJ 259)
and diagonal cutters.

Cut the coax one foot longer than >length (ft) = 234 / f (MHz)<
(two thirty four divided by FREQ in MHz).
>T< the coax and scope directly to the sig gen,
tune the sig gen to the freq to be notched out,
cut the coax (one inch increments) to null the scope display.
You 'rock' the generator FREQ to see how much each inch moves the notch
FREQ and
adjust sig gen output and scope sensitivity for max resolution.

Or connect the coax directly to the MFJ,
tune the MFJ to notch FREQ, you know the rest . . .

John
N3AAZ
FM 19 xa

_____
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Juno offers FREE or PREMIUM Internet access for less!
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http://dl.www.juno.com/get/tagj.

Date: Mon, 12 Feb 2001 07:17:54 EST
From: K4YBB@aol.com
To: qrp-l@lehigh.edu

Subject: [91403] RE: What antenna do I have - THANK YOU
Message-ID: <5e.71a0e2e.27b92e72@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

QRP-L Group

Thank you to the many replies I received to my antenna question, I have an answer, would you believe several, but they all seem to boil down to the fact thai I have a BAZOOKA , some even called it a double bazooka. Some folks seem to like this antenna and some ddon't, as for me I like the one I have foor 40 meters but as was pointed out by several people iit is hard to keep water out of the places where you cut the outer jacket of the RG-8X cooax.

Again THANK YOU to ALL who replied.

73

Jim K4YBB

Date: Mon, 12 Feb 2001 05:40:29 -0800 (PST)
From: Duane Alles <w9zm@yahoo.com>
To: mgoins@usa.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91404] Re: mobile cw
Message-ID: <20010212134029.14716.qmail@web515.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have been using a bencher for years and just sit it
on the seat next to me. It's heavy enough and doesn't
move around.

73
Duane
--- Michael Goins <mgoins@usa.net> wrote:
> anyone operating cw mobile? I need a better set of
> paddles than my whiterooks
> and can't seem to find paddlette's site. Not sure
> about them either, as they
> seem about the same as the whiterooks.
>
> any ideas? Would prefer a paddle/keyer combination.
> thanks.

>
> mike
> wb5yjx
>
>

> Get free email and a permanent address at
http://www.amexmail.com/?A=1

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

Date: Mon, 12 Feb 2001 08:50:34 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w9zm@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
<mgoins@usa.net>
Subject: [91405] Re: mobile cw
Message-ID: <000701c094fa$c8519ae0$6101a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think that mobile CW is such an 'interactive and personal' activity
that recommendations are at best only going to get you 'close'. But
someone may be able to point you to the 'pieces' to fabricate what
will work for you.

I tried it years ago. But that was with my SWAN, and we just won't
go there with a QRP forum!!

Anyway, one trick I learned is to NOT use bands around the leg
to hold the key. It quickly becomes very uncomfortable. However,
you can use a really loose band around the leg just to position
whatever key you want to use.

Go to Wal-Mart or a similar store and buy a sheet of this 'rubber'
that looks like spider web. They sell it putting on a shelf so dishes
won't slide around and you should be able to find it where they
sell the 'shelf lining paper' stuff for you kitchen. Cut that into an
appropriately sized sheet and place it between your key and you
leg and now it won't slide around at all. You'll find you won't need
hardly ANY tension on the bands around you leg to hold the key

into position.

This stuff also works great to place a sheet under a rig to keep it
from sliding, or for things like a GPS unit set on the dash!

Some places like Linens and Things sell it in little squares. But
a couple bucks for a pack of few squares vs a whole roll at Wal-Mart
for a buck or two more...

Mike

> I have been using a bencher for years and just sit it
> on the seat next to me. It's heavy enough and doesn't
> move around.
>
> 73
> Duane
> --- Michael Goins <mgoins@usa.net> wrote:
> > anyone operating cw mobile? I need a better set of
> > paddles than my whiterooks
> > and can't seem to find paddlette's site. Not sure
> > about them either, as they
> > seem about the same as the whiterooks.
> >
> > any ideas? Would prefer a paddle/keyer combination.
> > thanks.
> >
> > mike
> > wb5yjx
> >
> >
> ____
> > Get free email and a permanent address at
> http://www.amexmail.com/?A=1
>
>
> ____
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail - only $35
> a year! http://personal.mail.yahoo.com/
>

Date: Mon, 12 Feb 2001 08:55:26 -0500
From: "Charlie Fitts" <cfitts@neca.com>

To: <qrp-l@Lehigh.EDU>
Subject: [91406] Re: RCA 4013 RF PA Spec needed
Message-ID: <200102121357.IAA19740@mail.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Rod -

I couldn't find the spec's either but OHR used a 4013 in both the 80M Explorer and the 40M Sprint. I put a transistor socket in my NC-40A so I could try different PA's (I got some 4013's from Dan's a while back) and found that it was comparable to the 2SC799 and 2N3553. The 2N5321 and 2N5320 also worked well on 40M with the 2N5321 being maybe .1W hotter.

All five of the transistors I just mentioned gave from 1.8W to 2.0W out in the NC-40A. The 2N5320 and 2N5321 (both available from Mouser for under $1.00) seem to work best at 40M and below and I've heard that the 4013 preferred the lower frequencies also but I haven't tried it above 40M so I can't comment on this from experience.

Good luck with your problem.

73/72

Charlie Fitts, N1EI

Date: Mon, 12 Feb 2001 08:22:54 -0600
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@Lehigh.EDU
Subject: [91407] OP:K-2 vs FT-817 size comparison
Message-ID: <3.0.1.32.20010212082254.008f2200@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My yaesu FT-817 came in Friday, a quick trip from Texas, in good shape and I am well pleased after learning about the sweet little QRP rig all weekend. Is it the best QRP rig on the market today? I don't think anyone can claim best rig unless they have owned and used all the comparable rigs . . .like another member said, it is an individual choice. One thing about the FT-817 that does impress me greatly is it's physical size, it is tiny for an all band, all mode rig. I made a size comparison with the K-2 which is shown on http://home.hiwaay.net/~prm/k2VS817.jpg. The K-2 front panel is

2.9 in x 7.8 in compared to the much smaller FT-817 front panel which is 1.5 in x 5.1 in with the volume restriction backpackers face this compact size scores big.

Someone bemoaned the 817 would not receive weather broadcast, but it does receive the aviation band and many local airport stations broadcast the weather forecast also the 817 operates XMIT and RCV on 2 meters very well and in a weather emergency skywarn up-to-the-minute weather reports cover the 2 meter band.

I built a desk stand to put the Ft-817 in good operating position on my desktop and wired up a cable with built in transistor switching to connect my laptop to the data port on the back of the 817. I had several great PSK-31 QSO's with the little rig with the same old, "I'm amazed you are only running two watts" statements from the non-QRP ops.. I had one guy who wanted to drop his power after seeing my 2 watt signal on 80 meters . He cut his power in half, but was still running 15 watts . . I think some ops feel like they are going without their britches when they get down into the QRP range.

I'm wating for some back order parts for the FT-817. I bought the expensive Collins CW filter and also am waiting for a computer control cable and the internal battery pack.

But all in all, I am going to have a lot of good times with this little rig. I really like the SWL capabilities of it, but there were two things I noticed while tuning around this weekend. my Charles Kitchen regen receivers are a lot more fun for SWL and also old fashioned ham AM operation still can't be beat for listening qualities, some of those old AM ops really have the operation down pat. Last night i was amazed at the good signals and low noise that was on 160 meters and listened around to several SSB and CW signals on 160.

But as good as this new rig is I've decided to not sell my TT-2, nor my WM-2, nor my ZM-2 in my shack cleaning. The 817 will make a fine receiver for using the TT2 and I'll need the Zm-2 for antenna tuning and even though the 817 has build in metering I still like seeing the needle jump on the WM-2.

73,

Richard, WA4NWW

Date: Mon, 12 Feb 2001 09:51:39 -0500
From: "Brian" <bmurrey@amexol.net>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91408] Re: QRM problem solved

Message-ID: <009501c09503$4e98a140$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob....pray tell....what did you do to the girl next door to get her to
unplug the thing?

72

----- Original Message -----
From: <RangerSF5@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 11, 2001 9:07 PM
Subject: QRM problem solved

> Hi Gang,
> I located the problem.
> The Girl in the next apartment had an air cleaner hooked up to a timer.
> I can only assume that as it got warmer the noise increased.
> Well, when I pulled the plug my rig went down to below S-1.
> I still hear slight frying egg sound but for living in an old historic
town
> that still has some wires from the 1930s,
> I consider myself very lucky
> Just heard Germany running 3 watts working a mobile W9 station.
> It looks like a good night for LATE NIGHT DX.
> Thanks to all who responded with helpful tips.
> Bob
> WA2HOQrp <tm>
>

Date: Mon, 12 Feb 2001 09:59:25 EST
From: Shephed@aol.com
To: <qrp-l@lehigh.edu>
Subject: [91409] Change in Truffle Hunt tomorrow
Message-ID: <ce.107fa1d4.27b9544d@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hey all,

John, KB1ENS was scheduled to be the Truffle tomorrow, but due to an emergency has changed his time up back to 3/1/01.
I will fill the slot tomorrow night.
Listen for me around 7.044 +/- half an hour before the Fox Hunt.

Also, there are two slots left open for Truffles! Get them now before they are gone!

72, oo
Dan, N8IE

Date: Mon, 12 Feb 2001 09:02:43 -0600
From: Robert Perkins <rperkins@gte.net>
To: mel@euramcom.freeserve.co.uk, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, nilsbull@juno.com
Subject: [91410] Re: OT: Tube radio rehabs & the little shockies
Message-ID: <3.0.5.32.20010212090243.008b4ad0@mail.gte.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'd like to emphasize what Mel says about checking voltage. I built one of these solid state 5u4 tube substitutes in the early 70's ignoring the then recommended practice of putting resistors in series with the diodes to simulate tube plate resistance. I got a significant over voltage. Nils sounds experienced enough to know this, but for those of you not as old as dirt, check your before and after plate voltages. Mine were high enough to threaten filter capacitor life in addition to tubes.
At 05:25 PM 2/10/2001 +0000, Euramcom wrote:
(Nils snipped here, its a shame but it was getting huge)
>
>Hi Nils,
>
>Why not build a tube? Get a tube base and put the diodes in formation
>across the pins of the tube base where the schematic shows you. Then
>put a separate isolation tranny external to the main rig if you like.
>That way you preserve the original rig, and update it at the same
>time.
>
>Check the "inrush" current and volts though, sometimes the other old
>tubes in the rig dont want to know about being zapped by 300v +
>before the heaters have come up to full glow. The built in "soft
>starts" of the rectifier tube heater no longer works if you do this.
>
>Regards

>
>Mel
>
>El Bandito de Edimburgo (grin)
>
>
>--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk
>
>Mel Evans GM6JAG Edinburgh Scotland
>Home of the last HW9
>
>Visit http://www.euramcom.freeserve.co.uk for
>US Euro Ham Radio Equivalent Parts and info,
>Add-a-Link page let's you add your own pages instantly
>
>

Date: Mon, 12 Feb 2001 10:08:32 -0500
From: "Brian" <bmurrey@amexol.net>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91411] Re: mobile cw
Message-ID: <00f201c09505$aa885390$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone ever fix a key to the steering wheel so you can keep both hands on it? People that talk on cell phones while driving make me crazy...I can not imagine the drain on attention to the road that working CW would create.

I just ain't got the coordination.

72

----- Original Message -----
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 12, 2001 8:50 AM
Subject: Re: mobile cw

> I think that mobile CW is such an 'interactive and personal' activity
> that recommendations are at best only going to get you 'close'. But
> someone may be able to point you to the 'pieces' to fabricate what

> will work for you.
>
> I tried it years ago. But that was with my SWAN, and we just won't
> go there with a QRP forum!!
>
> Anyway, one trick I learned is to NOT use bands around the leg
> to hold the key. It quickly becomes very uncomfortable. However,
> you can use a really loose band around the leg just to position
> whatever key you want to use.
>
> Go to Wal-Mart or a similar store and buy a sheet of this 'rubber'
> that looks like spider web. They sell it putting on a shelf so dishes
> won't slide around and you should be able to find it where they
> sell the 'shelf lining paper' stuff for you kitchen. Cut that into an
> appropriately sized sheet and place it between your key and you
> leg and now it won't slide around at all. You'll find you won't need
> hardly ANY tension on the bands around you leg to hold the key
> into position.
>
> This stuff also works great to place a sheet under a rig to keep it
> from sliding, or for things like a GPS unit set on the dash!
>
> Some places like Linens and Things sell it in little squares. But
> a couple bucks for a pack of few squares vs a whole roll at Wal-Mart
> for a buck or two more...
>
> Mike
>
>
> > I have been using a bencher for years and just sit it
> > on the seat next to me. It's heavy enough and doesn't
> > move around.
> >
> > 73
> > Duane
> > --- Michael Goins <mgoins@usa.net> wrote:
> > > anyone operating cw mobile? I need a better set of
> > > paddles than my whiterooks
> > > and can't seem to find paddlette's site. Not sure
> > > about them either, as they
> > > seem about the same as the whiterooks.
> > >
> > > any ideas? Would prefer a paddle/keyer combination.
> > > thanks.
> > >
> > > mike
> > > wb5yjx
> > >

> > >
> > _____
> > > Get free email and a permanent address at
> > http://www.amexmail.com/?A=1
> > >
> > >
> > _____
> > Do You Yahoo!?
> > Get personalized email addresses from Yahoo! Mail - only $35
> > a year! http://personal.mail.yahoo.com/
> > >
>
>

Date: Mon, 12 Feb 2001 08:10:25 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: <n0rc@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Phil Wheeler" <w7ox@earthlink.net>, "Pat Byers" <pbyers@rttinc.com>, "Charlie Fitts" <cfitts@neca.com>, "Rick Sealey" <rsealey@northstate.net>,
     "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>, "Smith Harold" <SmithH@tce.com>
Subject: [91412] Re: RCA 4013 RF PA Spec needed
Message-ID: <OE16cv7cOTUjUTZBaFj000052ea@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;   charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Howdy all,

Thank all for your help. I think we've got this thing nailed down.
Here is a summary of what was learned from the QRP collective:

o 4013 is a RCA "house" number for a device that is a 2N3553
equivalent. (Although a 2N3553 crosses to an NTE473)

o It was a specialty item for E.F. Johnson Company and used in their
two-way radios of the past

o It was used as a PA in some past OHR gear.

o comparable to the 2SC799 and 2N3553 works well in NC40As, confirmed
in test by Charlie, N1IE. Thanks for the info Charlie, good science!

Thanks AGN all.

73, Rod N0RC
Ft Collins CO

----- Original Message -----
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 11, 2001 06:04 PM
Subject: RCA 4013 RF PA Spec needed

> Tried google only found price.
>
> Tried ARRL 2000 HB, didn't find it.
>
> Tried Paul Harden's QRP Homebrewers Book not there either.
>
> Stike 3 I'm out, HELP! ;-)
>

Date: Mon, 12 Feb 2001 10:21:56 -0500
From: "Brian" <bmurrey@amexol.net>
To: <n0rc@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91413] Re: RCA 4013 RF PA Spec needed
Message-ID: <001501c09507$89c80270$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

N1IE?? I wonder if he's related to Dan N8IE.

Hmmmm

----- Original Message -----
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 12, 2001 10:10 AM
Subject: Re: RCA 4013 RF PA Spec needed

> o comparable to the 2SC799 and 2N3553 works well in NC40As, confirmed
> in test by Charlie, N1IE. Thanks for the info Charlie, good science!
>

Date: Mon, 12 Feb 2001 10:29:42 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91414] Re: RCA 4013 RF PA Spec needed
Message-ID: <3A880166.F02F65CF@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could be. Charlie practices good science and Dan practices mad science!

Brian wrote:

> N1IE?? I wonder if he's related to Dan N8IE.
>
> Hmmmm
>
> ----- Original Message -----
> From: "Rod Cerkoney" <n0rc@hotmail.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>
> > o comparable to the 2SC799 and 2N3553 works well in NC40As, confirmed
> > in test by Charlie, N1IE. Thanks for the info Charlie, good science!
> >

Date: Mon, 12 Feb 2001 09:30:02 -0600
From: Darrel Swenson <k0awb@tconl.com>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91415] OT Re: mobile cw
Message-ID: <3A88017A.C5729E56@tconl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>

> Anyone ever fix a key to the steering wheel so you can keep both hands on
> it? People that talk on cell phones while driving make me crazy...

[snip]

People that:
eat fast food while driving,
read books or newspapers while driving,
shave while driving,
put on make-up while driving,
yell at the kids in the back seat while driving,
play with the baby in the passenger seat while driving,
play with the stereo/tape player/CD (or run it too loud) while driving,
etc... etc... etc...
make me crazy.

I recently saw a top ten list of the dumbest things people do while
driving and cell phones didn't even make the list.

What we need to do here is agree that PEOPLE WHO DO NOT PAY ATTENTION TO
THEIR DRIVING make us crazy.

If we don't quit picking on cell phones some misguided lawmaker is going
to make it illegal for us to operate any communications device while
driving: CW, SSB, FM, APRS, or cell phones. There are laws proposed in
many states this year, including my home state of Nebraska, that would
do just that.

OK... I'll get off my soapbox... and put on the flame suit... (flames
direct, not to the list.)

DISCLAIMER: I work for a cell phone company. My job is to drive
around and measure the signals of the system. I have seen people
driving carelessly doing each of the activities I described above. I
use a hands free device... because my hand gets tired of holding the
cell phone.

72... Darrel... K0AWB

Date: Mon, 12 Feb 2001 08:58:00 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91416] curing whoop/chirp
Message-ID: <OE316Eqqinaq41jr0W3000061b3@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;   charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Folks,

Need some help debugging a rig.

First a definition. I've come to believe that "whoop" and "chirp" are synonymous. True/false?

I arrived at this notion after reading various articles on the ARRL web site. And some material in the ARRL handbook. Even through there might be audible differences, a chirping vs whooping sound, I believe they are caused by the same problem, slight variations in supply voltage to the OSC circuit.

One cure is to isolate the OSC from Antenna loading, ALA TT-2 and it's 2 stage design. And, that's the question: Why do/did some of the NJQRP TT-2s chirp/whoop? Even when supplied with a good stiff supply like a 30amp Astron switcher, or 33AHr Gel Cell. (my personal pragmatic definition of "stiff ;-) Jake, N4UY mentioned his TT-2 "chirped" and used a 2N3906 "switch" to key his rig. Jake was your "chirp" more of a "Whooping" sound or "Chirping" sound?

My theory is that it has something to do with the mechanical contacts of the Key used, and the sudden in-rush of current charging the 25uF cap. Surely the key is going to have "some" contact resistance, so the RC time-constant of these two items _may_ account for it.

I wonder too if the circuit as a whole has just enough Rise time characteristic to account for the "Chirp":

t1: power is applied

t2: OSC Vcc is at some voltage V1 and the OSC starts at some freq. F1

t3: Vcc settles at some value V2, where V2-V1 is some small amount, and OSC settles to a new freq F2.

If this is what is happening, why then did the 2n3906 switch fix it? I think the answer here is contact bounce. Most switches, in this case a Morse Key, bounce a bit. Is this a problem with Morse Keys? Can't find any references in what I've read so far. If so the 2N3906 will add some key signal shaping and likely affect the "Chirp".

Lot's of assumptions here, ready for critical scientific review by the QRP brain trust. ;-)

Oh yeah, I know I could "just try it". But I thought the analysis

phase might be interesting, and then do the empirical work "in the lab" for confirmation.

73, Rod N0RC
Ft Collins CO Trying to do a little science every day ;-)

Date: Mon, 12 Feb 2001 09:59:00 -0600
From: "William H. Launer" <wlauner@mail.win.org>
To: qrp-l@Lehigh.EDU
Subject: [91417] More QRP Challenges
Message-ID: <l03130301b6adb07b8787@[204.184.54.44]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Gang,

I know that Foxhunts are a lot of fun, and promote lots of QRP operating activity, but there is another, less competitive QRP activity that is nearly as challenging. That is checking in to the regularly scheduled QRP nets. Some of these are:

Day	Time	Frequency (MHz)	Group	NCS Call
Sunday	8:00pm CST	3.686	KNIGHTLITES NET	WQ4RP
Tuesday	8:00pm CST	3.535	MICHIGAN QRP NET	AB8DF
Wednesday	7:30pm CST	7.109**	IOWA QRP NET	KQ0I (?)
Thursday	8:00pm CST	3.561	NEW ENGLAND QRP NET	WQ1RP

** The Iowa net also operates on 80 Meters, but I don't remember the frequency offhand.

I've been able to check in to each of these nets at least once from my QTH in Missouri. Last night, the KnightLite NCS (Paul, AA4XX in North Carolina) was running 1.5W, and I (after tweaking the rf and af gain controls) was able to check in with 5W and give him a 539 report. His report to me was 569. I know this is no "Miles per Watt" record, but it's challenging and fun nevertheless. The rig I used was an old TS-820s turned down to 5W, and a 100ft. end-fed wire with a 100ft. counterpoise on the

ground.

I'm sure there are more QRP nets out there, but these are the ones I'm aware of. Let me know times and frequencies, and I'll add them to the list.

As the saying goes, "Try it, you'll like it!

72/73, Bill wb0cld

Bill Launer wb0cld
St. Charles, MO

Date: Mon, 12 Feb 2001 10:56:39 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: bmurrey@amexol.net, qrp-l@lehigh.edu
Subject: [91418] Re: mobile cw
Message-ID: <3A8807B7.1AFB252A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

The absolute fact is that anything you do instead of driving while driving is inviting an accident! This is well known. Do you see any of your favorite NASCAR drivers messing around with anything that distracts them while driving? Yes, they use the radio, in a voice mode, mostly when they are going down the straights!

There are ex-military keys made from micro-switches that mount on the wheel. Use them wisely!

Date: Mon, 12 Feb 2001 11:05:33 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: n0rc@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [91419] Re: curing whoop/chirp

Message-ID: <3A8809CD.6979861B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod,

Whoop vs Chirp. Well I think it mostly depends on your definitions. There is very little that is mysterious about chirp. It is defined as a frequency shift while keying. A whoop may be related to a slow starting oscillator.

Many cures have been postulated and implemented through the years. Oscillators are made to run continuously whenever the transmitter is turned on. This will cure about 100% of all the problems. Only a good keying circuit that ensures the final is shut of way beyond cutoff will ensure that no oscillator energy gets out.

Most radios built in the past 30 years use CLass A or B or AB finals. these are harder to cutoff than a Class C final, and that may be some of the problem. Adding a transistor switch only ensures a clean make or break of the keying circuit and allows some adjustment of the keying wave form. It will cure a whoop, but not a chirp!

73

Date: Mon, 12 Feb 2001 11:14:46 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91420] SSB Fox Hunt ?
Message-ID: <3A880BF6.F94B436C@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After looking at my log yesterday from the SSB Sprint I noticed alot of calls that I don't see in the fox hunt logs.

Has anyone ever tried to do an SSB fox hunt? Judging by the success of the summer hunt last year on 20m, a summer 20m SSB event might be a great way to promote QRP.

The one QRO station that called in during the sprint on 15m didn't believe I was QRP. I should have told him to turn his power down but didn't think about it until after the qso. That might have been all it

took to have another QRP convert!

73
Paul K4FB

Date: Mon, 12 Feb 2001 11:13:56 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91421] Re: mobile cw
Message-ID: <001f01c0950e$d187e9c0$6101a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce is exactly right...

ANYTHING you do while driving other than driving is inviting an
accident.

Hopefully as HAMs we would be prudent with our other associative
activities.

But then again, not everyone takes the same level of care.

DRIVE FIRST!!! Just like pilots FLY FIRST! Do what's important,
THEN take the call for the other activity!

The trick is to keep you mindset on what is important.

And while hurtling down the highway at speed in a 4000lb container
is NOT the time to put priority on a contact! But it doesn't hurt to
try a contact as a 'secondary' activity.

Mike

Date: Mon, 12 Feb 2001 10:11:38 -0600
From: Richard Matthews <prm@hiwaay.net>

To: w6toy@erols.com, qrp-l@lehigh.edu
Subject: [91422] Re: mobile cw
Message-ID: <3.0.1.32.20010212101138.017148a0@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:56 2/12/01 -0500, you wrote:
> Do you see any of
>your favorite NASCAR drivers messing around with anything that distracts
>them while driving? Yes, they use the radio, in a voice mode, mostly
>when they are going down the straights!
.....

What a great idea. We need a NASCAR driver with a ham license and a QRP CW rig in his car so that we can try to make QRP contacts with him during a 500 mile race . . that would be almost as good as working the space station. . . . think about the certificate. But, considering a race car driver's life style, they would probably send so fast, none of us could keep up to copy.

Yaesu, Kenwood, and Icom, etc. are mising an advertising chance here for sure . . they could have bragging rights to, "the fastest ham radio in the world", then we could have discussions about whose radio is faster than the all the others.

73,

Richard, WA4NWW . . hope you saw the bulge in my cheek

Date: Mon, 12 Feb 2001 11:22:51 -0500
From: "Brian" <bmurrey@amexol.net>
To: "Bruce Muscolino" <w6toy@erols.com>, <qrp-l@lehigh.edu>
Subject: [91423] Re: mobile cw
Message-ID: <001e01c09510$0c44e170$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am sure that I have seen Rusty Wallace and maybe one or two other NASCAR drivers enjoying a nice fresh Marlboro while racing.

Personally, I'd have a bar bouy connected to the dash so I could get a sip of suds as needed. That NASCAR racing is hot dirty work.

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: <bmurrey@amexol.net>; <qrp-l@lehigh.edu>
Sent: Monday, February 12, 2001 10:56 AM
Subject: Re: mobile cw

>
>
> Brian,
>
> The absolute fact is that anything you do instead of driving while
> driving is inviting an accident! This is well known. Do you see any of
> your favorite NASCAR drivers messing around with anything that distracts
> them while driving? Yes, they use the radio, in a voice mode, mostly
> when they are going down the straights!
>
> There are ex-military keys made from micro-switches that mount on the
> wheel. Use them wisely!
>

Date: Mon, 12 Feb 2001 11:45:49 EST
From: Shephed@aol.com
To: <qrp-l@lehigh.edu>
Subject: [91424] Re: mobile cw
Message-ID: <95.6c78ae7.27b96d3d@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Back in the day when they ran REAL stock cars, they smoked, and drank during the race. It was not a big deal at all.

The problem ain't distractions, it's just bad driving.

<< At 10:56 2/12/01 -0500, you wrote:
> Do you see any of
>your favorite NASCAR drivers messing around with anything that distracts
>them while driving? Yes, they use the radio, in a voice mode, mostly
>when they are going down the straights!>>

Date: Mon, 12 Feb 2001 11:48:40 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91425] Re: mobile cw
Message-ID: <3A8813E8.B848E855@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

By installing a large tub of ice in the back to keep the keg o' beer cold, traction to the rear wheels will be improved. Having a large keg instead of a pony-keg or party ball helps reduce the number of pit stops needed to refill the keg.

Brian wrote:

> I am sure that I have seen Rusty Wallace and maybe one or two other NASCAR
> drivers enjoying a nice fresh Marlboro while racing.
>
> Personally, I'd have a bar bouy connected to the dash so I could get a sip
> of suds as needed. That NASCAR racing is hot dirty work.

I don't know about the 'work' part. All they do is hurry up to turn left!

Date: Mon, 12 Feb 2001 11:47:33 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <wb5rue@arrl.net>, "QRP" <qrp-l@Lehigh.EDU>
Subject: [91426] RE: Antenna Charge Buildup
Message-ID: <1010112114732.LAA11674@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/9/01 11:28 AM, Kevin Muenzler, WB5RUE at wb5rue@arrl.net wrote:

>I don't think that they sell something that would protect against a direct
>hit, at least that would be affordable to the average Joe-amateur. I do
>have poly-phaser stuff and it is excellent.

My understanding from reading the Poly-Phaser literature, that a properly installed, fully-protected system would indeed, survive a direct hit.

Not only that, but commercial systems survive direct strikes all the time.

You may have me on the "affordable" clause. None of this stuff is cheap.

In any case, download the PolyPhaser technical notes. If you put up a tower, try best to approximate their installation recommendations, even if you don't use the Poly-Phaser components. It's your best bet for surviving unwanted static discharges, whether direct or indirect.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
  -- Wilbur Wright, 1901

Date: Mon, 12 Feb 2001 11:52:19 EST
From: Shephed@aol.com
To: <qrp-l@lehigh.edu>
Subject: [91427] Re: mobile cw
Message-ID: <c5.de4ef67.27b96ec4@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

That works, I use something like that when we go on vacations. It also keeps the kids very calm.

In a message dated Mon, 12 Feb 2001 11:48:46 AM Eastern Standard Time, Paul Womble <pwomble1@tampabay.rr.com> writes:

<< By installing a large tub of ice in the back to keep the keg o' beer cold, traction to the rear wheels will be improved. Having a large keg instead of a pony-keg or party ball helps reduce the number of pit stops needed to refill the keg.

Brian wrote:

> I am sure that I have seen Rusty Wallace and maybe one or two other NASCAR
> drivers enjoying a nice fresh Marlboro while racing.
>
> Personally, I'd have a bar bouy connected to the dash so I could get a sip
> of suds as needed. That NASCAR racing is hot dirty work.

I don't know about the 'work' part. All they do is hurry up to turn left!

 >>

Date: Mon, 12 Feb 2001 10:11:22 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [91428] Logging Software Question
Message-ID: <5.0.2.1.2.20010212101033.00ac70f0@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Does anyone have comments, pro or con, regarding "TR LOG"? Since this is a bit off-topic, probably best to reply direct.

72/73,
Larry W1HUE

Date: Mon, 12 Feb 2001 12:11:14 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [91429] Re: mobile cw
Message-ID:
<4F76B3D4A76AD111803B00A0C9893D9C06ED8D05@cninexchsrv05.crane.navy.mil>
MIME-Version: 1.0
Content-Type: text/plain

Yes, but back when they ran "real" stock cars the cars were considerably heavier and went considerably slower. With today's speeds and aerodynamics things happen really, really quick. I realize that most of this is all in fun, but I see drivers doing nothing but driving and they're still in over their heads. I don't want people driving beyond their abilities, but if your abilities don't allow you to go over 35-40 mph on the highway or interstate, maybe you shouldn't be driving. What's truely amazing is that there aren't more accidents than there is. Time to put the soap box away for awhile.

73 de N9KH

Date: Mon, 12 Feb 2001 12:21:06 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:prm@hiwaay.net" <prm@hiwaay.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [91430] OP:K-2 vs FT-817 size comparison
Message-ID: <200102121221_MC2-C535-36C8@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1
Content-Disposition: inline

Richard:

Well I have been eyeing the 817, also, as I need a compact travel rig. B=
ut
I noted that while the K2 may appear a bit larger overall, the fact is th=
at
you can put the ATU and built-in battery inside the case. So the net tot=
al
"size" is actually less. My K2 is fully loaded, so all I have to bring
along is a paddle and an antenna. The battery can last up to five hours
for me, depending on power out and total time transmitting.

Of course the K2 does not have some of the higher bands, but that is not =
of
interest to me. Also I like having *four* CW filtres, not just one, plus=

they are resettable depending on my needs. And the two built-in Noise
Blankers work very well.

The K2 is fabulous and has done a great job for me. So I am still
undecided about an 817.

72,
--Doc/K0EVZ

Date: Mon, 12 Feb 2001 09:34:17 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [91431] Re: The Doctor Builds a New Antenna
Message-ID: <20010212173417.76131.qmail@web10002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- WA3JAT@aol.com wrote:
> Jim: Your new antenna would appear to be a center fed zepp. This >
antenna can have an overall length
> of 54 feet (27 feet each leg) and still work very well on 40-10
> meters.

Your antenna is close to the half sized G5RV (26 feet each leg, 17 feet
450 ohm ladder line).

>If you add 10 more
> feet to each leg (54 feet each leg), this antenna will work quite
> well on 80 meter band as well.

Almost the same as the full sized G5RV (51 feet each leg, 34 feet 450
ohm ladder line)

I just got finished comparing the patterns of the doublet on 10 - 40
meters with the shortened G5RV and the patterns are very close. The
G5RV has a little more gain on the various bands but that's about it.

Here are the SWR comparsions of the two antennas;

```
Freq Impedence 50   450
-------------------------------------------------------
 7   38.71 -  J 258     36   15   G5RV's
14     446 +  J 619     26   3.6
21     471 -  J 1016    53   6.7
28     111 +  J 19 2.3  4.4

 7      27 + J 402 >100 30   44 foot doublet's
14     171 + J 314 15   4
21    2140 + J 387 44   5
28     134 + J 454 34   7
```

The G5RV matches up a little better on 40 but other than that they are
pretty close.

I've been interested in the doublet since I first heard L.B. Cebik
mention it on AntennaX. Not a bad antenna at all!

Please let us know how it worked for you Jim!

73!

Jeff

=====
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798

Do You Yahoo!?

Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

Date: Mon, 12 Feb 2001 12:38:47 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Duane Alles <w9zm@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91432] Re: mobile cw
Message-ID: <Pine.3.89.10102121202.B3026-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Feb 2001, Duane Alles wrote:
>
> I have been using a bencher for years and just sit it
> on the seat next to me. It's heavy enough and doesn't
> move around.
>
NorCal paddle sits perfectly on the dashboard cup holder in my Nissan
Sentra. A square of non-skid shelf material keeps it in place. My wrist
rests on the floor shift while sending. Have also used your technique in
the past and worked well - as long as there is no passenger.

        73,

                      ,'' '',
     Bob Patten, N4BP   (0 0)   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________

                          E-Mail: n4bp@bc.seflin.org
                      Web Page: http://www.qsl.net/n4bp
                      Brass Pounder BBS: (954) 472-7715

  QRP ARCI #3412   FISTS #7871   ARS #799   SOC #1   Whiners #6

Date: Mon, 12 Feb 2001 12:14:24 -0500
From: ed.kwik@delphiauto.com
To: qrp-l@Lehigh.EDU
Subject: [91433] Mobile CW
Message-ID: <052569F1.005ED9DB.00@usabhmg99.mail.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

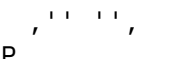
The insurance industry, US Government Regulatory people and the auto industry are starting to take what they are calling 'driver work load' very seriously. They have been tracking the number of vehicle accidents that are blamed on driver distractions. The number of accidents is increasing logarithmicly and is becoming one of the major causes of accidents in the US. There have been some standards established for the number of eye movements away from normal down the road viewing. There may be some sort of government regulation in the future and auto manufactures are being encouraged to design instrument clusters, entertainment centers, and mobile communication devises that minimize 'driver work load'.

Ed AB8DF

Date: Mon, 12 Feb 2001 12:55:16 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Brian <bmurrey@amexol.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91434] Re: mobile cw
Message-ID: <Pine.3.89.10102121257.E3026-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Feb 2001, Brian wrote:
>
> Anyone ever fix a key to the steering wheel so you can keep both hands on
> it? People that talk on cell phones while driving make me crazy...I can not
> imagine the drain on attention to the road that working CW would create.
>
I think that might be a very awkward position for sending, especially while driving! But, I used to attach a clipboard to steering wheels in a couple of cars, used it for logging both parked and while driving. It was close enough to the line of sight through the windshield to not be too much of a distraction.

73,



Bob Patten, N4BP (0 0) Plantation, FL
_____oOOo-(_)-oOO_____

E-Mail: n4bp@bc.seflin.org
Web Page: http://www.qsl.net/n4bp
Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412 FISTS #7871 ARS #799 SOC #1 Whiners #6

Date: Mon, 12 Feb 2001 11:58:28 -0600
From: Richard Matthews <prm@hiwaay.net>
To: FT817@yahoogroups.com, qrp-l@lehigh.edu
Subject: [91435] OP: desk stand for the Yaesu FT-817
Message-ID: <3.0.1.32.20010212115828.017291d0@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 16:18 2/12/01 -0000, you wrote:
>>>>How about a jpg of your holder?

TMD

.....
.....

Here is a 3D CAD model of the stand I through together for my 817, someone might find it useful.

http://home.hiwaay.net/~prm/stand.jpg

The CAD picture shows two views of the stand. I used 1/4" thick plywood. The stand is a bit wider than the 817 and the length is some longer so that when the back of the rig rests against the two 3/16" dia dowels at the rear of the stand, the front panel of the radio just hangs over the front of the stand. I positioned the dowels to miss parts on the rear of the rig. The rear top of the stand is about an inch off the bottom surfaces to allow room for cables going to the rear of the 817. the angle of the top can be made to suit you but I found that 45 degrees pointed the face of the unit toward my face. I also got some sticky backed thin foam rubber at Walmart's craft department to cushion both surfaces as shown to keep the radio fro sliding around and to protect from scratches. The top of the base piece is just right to hold my portable CW paddle and works quite well for that. You could put low feet on the stand to help in not maring your desk top. The construction was done after sanding and smoothing all parts, with wood glue and small nails. It took about an hour to make. Notice the brace pieces at the back on each side, they are required to give the stand plenty of rigidity.

An improvement would be to make the stand adjustible in angle, but I was too lasy to do that.

73,

Richard, WA4NWW . . make sawdust

Date: Mon, 12 Feb 2001 13:13:16 -0500
From: "Brian" <bmurrey@amexol.net>
To: "Bob Patten" <n4bp@bc.seflin.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91436] Re: mobile cw
Message-ID: <001f01c0951f$79319030$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That little setup is convenient but it does beg the question.....

Once the airbag goes off, how far into your neck, face, chest does the clipboard go upon detonation of airbag deployment explosives? If you happen to have a sharpened #2 in your mit, writing, when this occurs, will it protrud from your gourd in an unsightly fashion thus making you ineligible for future family group photo ops?

I have watched my airbags go off twice. It's a rush, then a huge punch in the face, and the smoke and fire distracts you for a few moments.

I can only imagine what a lit cigar would do to a guy during airbag deployment sessions, let alone a clipboard.

72 es "oo"
=======================================
 KB9BVN/QRP - New Whiteland IN - EM69WN
 QRP-ARCI #10223 QRP-L #1540 FIST #5695
   FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
   INTO INFAMOUS AF4PS ATTIC DIPOLE
  SOC #400 AND FLYING PIGS QRP #-57
=======================================

----- Original Message -----
From: "Bob Patten" <n4bp@bc.seflin.org>
To: "Brian" <bmurrey@amexol.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 12, 2001 12:55 PM

Subject: Re: mobile cw

> On Mon, 12 Feb 2001, Brian wrote:
> >
> > Anyone ever fix a key to the steering wheel so you can keep both hands
on
> > it? People that talk on cell phones while driving make me crazy...I can
not
> > imagine the drain on attention to the road that working CW would create.
> >
> I think that might be a very awkward position for sending, especially
> while driving! But, I used to attach a clipboard to steering wheels in a
> couple of cars, used it for logging both parked and while driving. It
> was close enough to the line of sight through the windshield to not be
> too much of a distraction.
>
>   73,
>   ,'' '',
>   Bob Patten, N4BP   (0 0)   Plantation, FL
>
_____________________________oOOo-(_)-oOO_____________________________
___
>
>   E-Mail: n4bp@bc.seflin.org
>   Web Page: http://www.qsl.net/n4bp
>   Brass Pounder BBS: (954) 472-7715
>
>   QRP ARCI #3412   FISTS #7871   ARS #799   SOC #1   Whiners #6
>
>

Date: Mon, 12 Feb 2001 13:14:29 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Brian <bmurrey@amexol.net>, qrp-l@lehigh.edu
Subject: [91437] Re: mobile cw
Message-ID: <3A882805.11D2D1DE@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

Marlboro's are not beers! Please understand that driving is a serious business whether you are going to the store or racing! If you want to maintain your QRP superior attitude, don't drive where I do, you'll get killed!

73

Date: Mon, 12 Feb 2001 13:19:58 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: pwomble1@tampabay.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [91438] Re: mobile cw
Message-ID: <3A88294E.F39C932@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,

Tell me, can I get that keg in the sexy red and white colors that the cigarette packs come in?

73

Date: Mon, 12 Feb 2001 13:30:47 -0500
From: "Brian" <bmurrey@amexol.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91439] Re: mobile cw
Message-ID: <000f01c09521$eb5eeca0$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maintain my what? I don't understand. Bruce, I think you have missed my point altogether. I don't drink and drive, I don't smoke and drive, I don't read and drive, and I don't CW and drive....I just drive and drive. I don't have a cell phone in my car, just a CB (Kentucky Cell Phone) and a radar detector and maybe on ocassion a sack of hot pork rinds and a diet rite cola. That's it.

[CAUTION: THIS IS THE SICK HUMOROUS SMARTALEC PART]

I think that we need laws that say whenever I see a driver yacking on the phone, reading a book, a map, or drinking anything while driving, I can ram them off the road and crush them to death with my 18 wheeler...IF they irritate me.

[END OF SICK HUMOROUS SMARTALEC PART]

Tongue firmly lodged in cheek..

72 To Ya BRUCE!

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 12, 2001 1:14 PM
Subject: Re: mobile cw

> Marlboro's are not beers! Please understand that driving is a serious
> business whether you are going to the store or racing! If you want to
> maintain your QRP superior attitude, don't drive where I do, you'll get
> killed!

Date: Mon, 12 Feb 2001 13:32:24 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <n2go@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91440] Re: bending aluminum ?
Message-ID: <1010112133224.NAA25909@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/10/01 6:32 PM, n2go@arrl.net at n2go@arrl.net wrote:

>Any metal experts out there? I wonder what grade/hardness of aluminum
>would take a 90 degree bend. Some pieces of .062 aluminum that I have seem
>to take a bend nicely. Another .050 piece snapped when I took it to
>90 degrees. Any success stories out there?

Depends on the alloy / hardness.

A lot of sheet aluminumis 2024-T3, which isn't the easiest to bend.

Something like 3003 is probably easier. If strength isn't an issue, you can anneal the metal to T0 hardness before bending. That way, you avoid cracking in the bend.

What type of alloy were you using? What is it's hardness?

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Mon, 12 Feb 2001 13:34:37 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <david.sarraf@paonline.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91441] Re: bending aluminum ?
Message-ID: <1010112133438.NAA26297@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/10/01 8:24 PM, David Sarraf at david.sarraf@paonline.com wrote:

>6000-series aluminums such as 6061T6 are strong and machine nicely but
>tend to crack when bent.

You can get 6000-series to bend very nicely by annealing it to T0 hardness. However, doing this takes away a lot of its strength.

Annealing is done by coating the aluminum with lampblack (usually using a candle or a torch with a fuel-rich flame). Then use a torch to heat the area until the black just disappears. This is really close to the 900-some odd annealing temperature.

>5000-series aluminums such as 5052 are strong
>yet bendable. 1100-series aluminums such as 1100H14 are a good
>alternative with better thermal conductivity and somewhat less strength
>than 5052. The 6000-series materials contain a few percent silicon. I
>do not remember what is in 5052, and think that 1100 is nearly pure.

3003 is another good choice for a bendable alloy.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"
            -- Wilbur Wright, 1901

Date: Mon, 12 Feb 2001 13:46:23 -0500
From: "Adams, Mark" <madams@facilities.buffalo.edu>
To: qrp-l@Lehigh.EDU
Subject: [91442] Re: SSB Fox Hunt ?
Message-ID: <D2337327FF8AD311939600A0C9B4175E9766A0@facilities.buffalo.edu>

Hey Paul,

Sign me up! I worked about 20 QRO stations yesterday. Many were in the 20-40W range. Some could not turn down their power due to rig limitations. BUT, some did. Two fellows in particular went from 50+ watts to 5 W PEP and asked for new signal reports. Neither went down audibly, and not even an S-unit on my meter. A few more lowered their power and went from S3-4 down to S1-3. Not bad considering they were due south of me an my beam was turned west.

Given the results for this weekends contest, a 20M SSB Foxhunt ought to be a blast. The only limitation is that we do it during the week. A 40M SSB hunt would work too if it were held before the EU shortwave cacophony (usually about 3PM EST).

72,
Mark

Mark S. Adams, PE
Facilities/Construction Safety Manager
University at Buffalo
Occupational and Environmental Safety
220 Winspear Avenue
Buffalo, NY 14215-1034
Ph: 716-829-3301 Fax: 716-829-2704
Pager: 716-774-2260

Date: Mon, 12 Feb 2001 13:46:32 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Brian <bmurrey@amexol.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [91443] Re: mobile cw

Message-ID: <3A882F88.8FF75680@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

Please continue with what you are doing. We probably all are guilty of eating a hamburger or a donut while driving. It is soft enough and compact enough that it can be thrown away if you need 100% concentration on the road. When I was a lot younger I raced cars. I had the rules impressed on me. It didn't help my driving much. I still put it in a ditch at 70+ at one race! But I was fully aware of everything that happened then!

73 (I don't do 72)

Date: Mon, 12 Feb 2001 11:06:51 -0800
From: Stephen M Smith <sigcom@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [91444] Re: RCA 4013 RF PA Spec needed
Message-ID: <20010212.110651.-295195.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group,

The "4013" transistor available from Dan's and other sources is a "house marked" device manufactured for the E.F. Johnson Co. and used in their two-way radio products of yesteryear. The EFJ part number is 576-0004-013. EFJ abbreviated the part numbers stamped on their transistors by printing only the last 4 digits, hence 4013. Looking in an old EFJ price list revealed that the transistor is a "27 MHz, 3 Watt" device so maybe it was only used in CBs, probably as a driver. I do have more detailed spec's. (Ft, Hfe, Diss., IC, etc.) for this device -somewhere- around here and if I can find them I'll post it to the list.

73.......Steve, WB6TNL

_____
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http://dl.www.juno.com/get/tagj.

Date: Mon, 12 Feb 2001 14:28:56 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: <n0rc@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91445] RE: curing whoop/chirp
Message-ID: <GCECIJFJPOHMCKACOAOBOEAECDAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod -- N0RC:

The chirp that my TT2 had was a slight change in the transmit frequency as the key was closed -- guess it could have been a whoop. It seemed as though the freq changed as the positive voltage was applied to the rig -- as the key was more firmly closed, the voltage increased and the freq increased (I'm just guessing here, that's just what it seemed like). Sounds like your theory that the chirp is caused by slight variations in supply voltage to the circuit.

My understanding of the 2N3906 switch is that it provides almost instant application of the V+. It worked well -- my chirp/whoop was gone. BTW, my TT2 was scratch-built, manhattan-style. I don't think this caused me to have a unique chirp problem -- I've QSOed with other TT2 who had the same chirp and fixed it with the 2N3906.

The details of the mod I adopted from the NJQRP club's Fireball 40 are on my TT2 web page at:

http://pweb.netcom.com/~jakecart/TT2.html

Hope this info helps.

73,

Jake - N4UY
Vienna, VA
(Wash DC suburbs)

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Rod Cerkoney
Sent: Monday, February 12, 2001 10:58 AM

To: Low Power Amateur Radio Discussion
Subject: curing whoop/chirp

Folks,

Need some help debugging a rig.

First a definition. I've come to believe that "whoop" and "chirp" are synonymous. True/false?

I arrived at this notion after reading various articles on the ARRL web site. And some material in the ARRL handbook. Even through there might be audible differences, a chirping vs whooping sound, I believe they are caused by the same problem, slight variations in supply voltage to the OSC circuit.

One cure is to isolate the OSC from Antenna loading, ALA TT-2 and it's 2 stage design. And, that's the question: Why do/did some of the NJQRP TT-2s chirp/whoop? Even when supplied with a good stiff supply like a 30amp Astron switcher, or 33AHr Gel Cell. (my personal pragmatic definition of "stiff ;-) Jake, N4UY mentioned his TT-2 "chirped" and used a 2N3906 "switch" to key his rig. Jake was your "chirp" more of a "Whooping" sound or "Chirping" sound?

My theory is that it has something to do with the mechanical contacts of the Key used, and the sudden in-rush of current charging the 25uF cap. Surely the key is going to have "some" contact resistance, so the RC time-constant of these two items _may_ account for it.

I wonder too if the circuit as a whole has just enough Rise time characteristic to account for the "Chirp":

t1: power is applied

t2: OSC Vcc is at some voltage V1 and the OSC starts at some freq. F1

t3: Vcc settles at some value V2, where V2-V1 is some small amount, and OSC settles to a new freq F2.

If this is what is happening, why then did the 2n3906 switch fix it? I think the answer here is contact bounce. Most switches, in this case a Morse Key, bounce a bit. Is this a problem with Morse Keys? Can't find any references in what I've read so far. If so the 2N3906 will add some key signal shaping and likely affect the "Chirp".

Lot's of assumptions here, ready for critical scientific review by the QRP brain trust. ;-)

Oh yeah, I know I could "just try it". But I thought the analysis
phase might be interesting, and then do the empirical work "in the
lab" for confirmation.

73, Rod N0RC
Ft Collins CO   Trying to do a little science every day ;-)

Date: Mon, 12 Feb 2001 14:43:25 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Brian <bmurrey@amexol.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91446] Re: mobile cw
Message-ID: <Pine.3.89.10102121416.A22256-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Feb 2001, Brian wrote:
>
> Once the airbag goes off, how far into your neck, face, chest does the
> clipboard go upon detonation of airbag deployment explosives? If you happen
I would suppose not quite as far as the steering wheel alone since the
clipboard is a flat surface. But at the time I used the
clipboard-on-steering-wheel method, cars didn't have airbags. I have a
45 minute drive to work and back. For logging, I've trained myself to
remember the info from three or four QSO's during the drive and then log
them in the parking lot. On a trip, I get my wife to (reluctantly) log
for me. For a contest such as the Florida QSO Party (covered the same 21
county route in the last three runnings), I go with a partner. One
drives, one does the operating and logs on computer. Swap off at each
county change...

Oh, one more point about the clipboard... When I was a kid, I made a too
sudden stop and tried to bite through the steering wheel. The steering
wheel won and I lost three of my front teeth. Might not have lost them
with a clipboard attached. :-)

       73,
                    ,'' '',
     Bob Patten, N4BP   (0 0)   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________

                          E-Mail: n4bp@bc.seflin.org

Web Page: http://www.qsl.net/n4bp
Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412 FISTS #7871 ARS #799 SOC #1 Whiners #6

Date: Mon, 12 Feb 2001 19:53:19
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [91447] Re: RCA 4013 RF PA Spec needed
Message-ID: <F169OrBLSAQV6uPDVni0000a040@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The last time I was at Tanner's in Dallas I stocked
up on transistors of interest to QRP folk, and the
box that said "2N3553" was full of RCA 4013s. With
a note that the transistor is equivalent, but good
for a bit more power...

I didn't care what they were. I bought a dozen.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Date: Mon, 12 Feb 2001 15:01:07 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [91448] Mobile CW
Message-ID: <5.0.2.1.0.20010212142608.00a62e20@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Truly an interesting thread.
I've been trying to work out a top mount J-38 on my make-up box.:-)
Seriously, here in central Ky, dodging Bubba in his pick up truck takes
all of my attention.
I don't answer CQ's from mobile CW ops since I don't want to contribute to
their death or others.

Having driven in most of the US, there are very-very few locations where I would operate mobile CW.

Hey....How about a contest from the Long Island Expressway while moving?
Just kidding
73 to all :-)
Pete NV4V

Date: Mon, 12 Feb 2001 15:00:23 EST
From: AF5Uqrp@aol.com
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [91449] Elecraft K1 #525 Started
Message-ID: <9e.ffee20f.27b99ad7@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I received K1 #525 last Friday Feb. 9th, 2001. I ordered the works. Have 40/20 filter board, Front Panel Board, 1/2 of RF Board, Noise Blanker, and none of the Antenna Tuner put together over the weekend. All of the electrical and mechanical tests and inspections are 100% so far. I am well pleased with the quality of materials and design. Has any one sprayed the front panel with clear coating to protect it? If I do, several very thin coats should do the trick, if each is allowed to dry. What you think? Is this a good idea? I plan on keeping mine for a long long time.
Dave Little, AF5U
Allgon Telecom

Date: Mon, 12 Feb 2001 15:11:00 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: plburbank@kih.net
Cc: qrp-l@lehigh.edu
Subject: [91450] Re: Custome Service - AADE L/C Meter
Message-ID: <v03102807b6adf32a41d7@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I built my AADE LC-II last year and it's one the best radio purchases I've ever made. No homebrewer should be without one. They are the perfect thing to carry to a hamfest and measure odd coils and capacitors.

Money well spent.

72,

Rick kf4ar

Date: Mon, 12 Feb 2001 15:16:45 -0500 (EST)
From: "John L. Sielke" <w2agn@pobox.com>
To: qrp-l@lehigh.edu, njqrp@njqrp.org
Subject: [91451] OT: W2AGN History
Message-ID: <XFMail.010212151645.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

A real gentleman here in NJ sent me a QSL card, which was originally sent by 2AGN to 9DQZ on June 1, 1927. Transmitter 203A Hartley, Receiver Schnell. Running 125 watts (not QRP, shame). The op at 2AGN was E.L. Sielke (my Dad, now SK).

John W2AGN

Date: Mon, 12 Feb 2001 12:51:19 -0800
From: <schoon@amgt.com>
To: <qrp-l@Lehigh.EDU>
Subject: [91452] Tips on Operating Mobile CW
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BD-010212205119Z-1611@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Good Afternoon!

It's been some interesting reading regarding operating mobile CW. I do it from time to time here in Southern CA. This is how I do it safely:

1. Get proficient enough to copy CW in your head. This will take some practice, but after awhile it will become second nature. The same as listening to you favorite CD while driving. Nothing different there.

2. Only operate CW mobile where you can safely set the cruise control.

3. Stay in the slow lane. I prefer to stay behind a semi! Now, before people think I'm nuts, here's why. Stay far enough behind the rig to see BOTH mirrors!! This distance is crucial!! Almost ANY vehicle on the road has a MUCH short stopping distance than a fully laden 40 ton truck. If he goes into a panic stop, you'll have plenty of distance to stop, or pull off the side of the road. If he misjudges his stopping distance, s/he'll clear a path for you!! :)

4. Never operate CW in stop and go traffic, rain, earthquakes, riots, drive by shootings, etc.

5. Feel free to operate CW right next to the teenager who has to have their stereo cranked up so loud, the bass rattles the fillings out of your teeth. Those high power audio amps are so poorly shielded, a 100 watt class HF rig does wonders. The kid won't know what's bothering his equipment, but will be forced to turn it down. Since they are Part 15 devices, oh well!!

6. I use a clip board for logging only the basic information. Callsign, time, freq. The rest of the stuff I can lookup online at home. Use a pen, not a pencil. Lead breaks too easy. Or use a tape recorder - the dictation kind if you must. Don't worry about being neat, just get the info down.

7. Make sure the cord to your key is long enough to reach the passenger floor, but out of your way while driving. I use a converted two button mouse as my 'paddles' and a few times I've tossed it, it has survived just fine. Still works after the harmonics have stepped on it as well.

8. Use a memory keyer. I use a TiCK4 and love it. Put your CQ in the first memory and the usual name/qth in the second.

9. Notify the person you are in QSO with that you are running mobile!! Let them know that there may be breaks in sending or returning to the QSO in case traffic changes. I've never had anyone complain that I took two minutes to get back to them...

HTH

72 .mark

Is there another word for synonym????

Date: Mon, 12 Feb 2001 16:19:51 -0500 (EST)

From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: Elecraft Reflector <elecraft@qth.net>
Subject: [91453] N4BP SSB Fireside Sprint
Message-ID: <Pine.3.89.10102121659.E5108-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

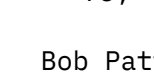
Used the K2 with my 1000MP mic. I've had the SSB board installed for probably a year, but never made more than a couple of test QSO's before...

20M	32 Q's	19 M's		
15M	72 Q's	25 M's		
10M	24 Q's	15 M's		
Total	128 Q's	59 M's	215,999 points	About 3 hours

As usual, 10M was good but no activity. 20M was torture.

Good to put voices with all of you whom I've worked many times on CW.

73,



Bob Patten, N4BP (0 0) Plantation, FL
_____oOOo-(_)-oOO_____

E-Mail: n4bp@bc.seflin.org
Web Page: http://www.qsl.net/n4bp
Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412 FISTS #7871 ARS #799 SOC #1 Whiners #6

Date: Mon, 12 Feb 2001 21:47:10 +0000
From: Euramcom <mel@euramcom.freeserve.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [91454] Re: Tips on Operating Mobile CW
Message-ID: <E14SQxt-0003qW-00.2001-02-12-21-56-58@mail4.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Mon, 12 Feb 2001 12:51:19 -0800, schoon@amgt.com wrote:
>Good Afternoon!
>
>   It's been some interesting reading regarding operating=
 mobile
CW. I
>do
>it from time to time here in Southern CA. This is how I do it
safely:
>
SNIP

Sorry Schoon, Flame suit is on for your reply.

This is how you THINK you do it safely!.

Why do we hams assume that passing a ham ticket gives us better
reactions than John Doe, better or more intelligence than John=
 Doe,
better driving skill than John Doe, the capability to do three=
 things
badly, or one thing not so badly, just like John Doe?

Of course it doesn't. Just like John, some of us are going to be=
 c**p
drivers anyway, we get by without killing anyone maybe by luck,
maybe, just maybe by judgement. To add in coping with all the
problems of traffic, traffic signage, other (even worse) drivers=
 to
operating CW on a mobile basis is just asking for trouble.

Research is showing that John Doe slows his road speed by around=
 5
mph to answer his mobile phone, even using a hands free kit. He=
 even
does it without any warning! Can we all honestly say we don't do=
 the
same when the 2metre rig gives out our call sign? Of course not,=
 we
most likely do, because we are all John Doe with a ham ticket,=
 that's
the only difference. To add in doing tippy-tappy in the head,=
 then
answering with a key screwed to the steering wheel, or on the=
 seat
beside you, is just megalomaniac claptrap. You are kidding=
 yourself

and putting lives at risk by doing it.

In the news to-day here, a trucker accused of Dangerous Driving=
 and
killing a young mother and child was seen composing a text=
 message on
a mobile phone whilst driving. Despite trying to bargain a plea,=
 the
Judge has ordered a full trial so that the facts can be brought=
 out
and the public awareness of this problem re-inforced. Was he any=

different? NO, OF COURSE NOT, but he reckoned he was safe doing=
 it!

Sorry guys, I know all the stories about people who can head copy=
 CW,
read a book, stir soup and drink coffee whilst having a=
 conversation
at the same time, but the fact remains that any emergency=
 services
personnel you speak to would recoil in horror at the thought of
mobile CW. If you want to see stuff like this first hand, go down=
 to
your local PD and ask to sit in a cruiser one night on patrol,=
 see
the roads carnage that can be caused by inattention on to-days=
 busy
road system.

The only good Klingon is a dead Klingon! The only safe way to use=

mobile CW is to let someone else drive, who is deaf and don't=
 know
the code!

Tirade over,

Where's the fire extinguisher re-fills dear?

Regards

Mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit http://www.euramcom.freeserve.co.uk for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Mon, 12 Feb 2001 14:08:20 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [91455] Re: Mobile CW
Message-ID: <01c09540$4f8d9be0$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mel, gee I saw your message and hoped that you would take a stand on this
issue!! Grin, Doug, KI6DS

Date: Mon, 12 Feb 2001 17:15:57 -0500
From: "Mark Adams, P.E." <k2qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [91456] FS: Sierra, IC-502A, OHR SCAF
Message-ID: <F2839QtpfTYSl1q4gto0000a89a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

This is likely to be a mistake, but here it goes.

ITEM #1

Wilderness Sierra with NB, KC2, and ALL band modules 160-10. No Mods. Works
FB in every respect. Electrically a 10, cosmetically a 9.9. Power output
range is about 2.5W on 160-40M, 1.9 on 30M, 1.5 on 20/17M, 1.0 on 15/12M and
700mW on 10M. Includes a neat tupperware case for the band modules. Manuals,
articles, spec sheets are included.
$465 for all including insured shipping in the USA.

ITEM #2

OHR SCAF. Works perfectly. Has one small chip in the paint on the top of the case. Works FB with a rig like the SW40 s, etc. Probably would be perfect for an FT-817 user who does not want to shell out $150 for the Collins filter. Same size case as the SW40 makes for a nice combination.
$45 including insured shipping in the USA.

ITEM #3

ICOM IC-502A. Great condition 6M rig! All original with no mods. Includes original packaging, power cords and manual. This is a very cool rig for Field Day or a /P operation in the VHF parties. Output is 3W SSB or CW. The S-meter does not work and I have never attempted to find out why.
$245 including insured shipping in the USA.

I can provide digital photos via email if you would like.

TNX,
Mark Adams, K2QO
Clarence, NY
Day 716-829-3301

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com

---

Date: Mon, 12 Feb 2001 16:22:43 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <ki6ds@dph.dpol.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91457] Re: Mobile CW
Message-ID: <00e101c09542$52140dc0$2a9b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gee I think we need to ban people from talking to other passengers (especially women!) while driving, not! There are enough laws on the books already to cover bad driving. Let see all controls need to go (window levers, radios, CD's, air-conditioning, wipers, lights,etc, because they might distract me. I got hit by a teenager that didn't know how to put on the brake. She hit 3 cars before hitting me. Her speed was about 15 to 20 mph. God I feel like Roy Stark! They will have to pry my mic and key from my dead hand, :-)

73 de w5jay..

----- Original Message -----
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 12, 2001 16:08 PM
Subject: Re: Mobile CW

> Mel, gee I saw your message and hoped that you would take a stand on this
> issue!! Grin, Doug, KI6DS
>
>

Date: Mon, 12 Feb 2001 17:40:44 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ".G-QRP Club" <GQRP@egroups.com>, ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [91458] C6A/WA3WSJ with K2
Message-ID: <003d01c09544$d6848e20$5c0d5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

 If anyone needs C6A (Bahamas) 2 way QRP look for
Ed, WA3WSJ. Here is the E-mail he sent out a couple
of weeks ago.

Good Luck!!
72 Ron de WB3AAL

==========

Hi all!
Well, I'll be on Abaco Island with my K2 from 02/12/01 to 02/19/01. If anyone needs a QSO from the Bahamas, look for me while I'm on Abaco. No beam this time, just a 40M inverted-vee fed with 300 ohm twin lead. I'll operate some daylight hours and mainly in the evening after dinner. I hope to make lots of QRP contacts!
http://www.qsl.net/wa3wsj/

********** Remember: Life is Short, So Enjoy! **********
72,
Ed, WA3WSJ

Date: Mon, 12 Feb 2001 15:25:30 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-l@lehigh.edu>
Subject: [91459] mobile cw
Message-ID: <MABBIKAEJKMHLIDDGMCKMECMCEAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Sure glad I have an automatic transmission in my truck...Hate to miss a couple of letters due to having to shift here in town HI HI! Love mobile cw'ing!

Use my Whiterook with Tick chip all mounted on a mini clip board. Sits on the seat and does not move around. Would rather listen to mobile cw than to music while driving, unless it's Dr. Joy, then she wins HI HI!

72, Tom WB5QYT..."Have spud will travel!"

Date: Mon, 12 Feb 2001 17:47:12 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [91460] **** DX ALERT *****
Message-ID: <004d01c09545$bd94c6e0$5c0d5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Guys,

 Now is the time you want to be on. There is a lot of DX stations making preparations for this weekends CW DX contest. That is why Ed, WA3WSJ, is on Abaco Island.

Easy to works DX on CW and get the DXCC count up!!!!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1 ARRL Life Member
KL7 QRP # 309 G-QRP # 3031
ARCI QRP # 5318 10 - X #13173
NorCal Zombie #625
ARS # 380 HI QRP #153
VA QRP Society #45 MI QRP #1703
K2 sn1392 NJ QRP #179

Date: Mon, 12 Feb 2001 17:51:20 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-l@Lehigh.EDU
Subject: [91461] Fox: Cub Hunt
Message-ID: <3A8868E8.2742@mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings All,

I will be the Cub Fox for this Wednesday(Valentines Day) local from 9 to 11 PM. Thats 0200 to 0400 UTC on Thursday. Look for me around 7.141 +/- QRM.

My friend Ronnie, KE4VPN, was scheduled but can not make it.

Exchange will be the regular format (RST, SPC, Name, Pwr.)

Try to call off my transmit frequency if possible. (call up) MY speed will be held to 10 WPM but you may respond at your speed. Lets have some fun. Come get your Valentine pelt. See

you there.

72..Dan, N4ROA

Date: Mon, 12 Feb 2001 14:54:46 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [91462] [TOOLS] Catalog
Message-ID: <95509081DF6CD411B2C700D0B7848012F94540@Mohawk.luke.af.mil>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

2nd try, first didn't go....

Folks,

  Just got a catalog in the mail from "Micro-Mark" small tool specialists. Looks like it's mainly for models, etc., but has things like jewelers tweezers, magnifiers/holders (that may be good for SMT projects), as well as punches, small drills/cutters, etc. that might be good for enclosure metalworking. Also has small soldering stations.

  Their web address is: http://www.micromark.com and their phone number is 1-800-225-1066. Maybe a QRP station built into an HO scale railroad village or a railroad beacon that flashes Morse?

  72,
Mike, N4VBV in Phoenix

Date: Mon, 12 Feb 2001 15:06:20 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [91463] MS-15
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F4309980185@blaze.bcsc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

What is the MS-15 radio? Could someone please enlighten me as to the specs of this rig and/or where some info can be found on it? Thanks in advance.

Doug VA7DD
MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Mon, 12 Feb 2001 15:14:02 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [91464] Re: Tuesday Meeting
Message-ID: <20010212151402.B3063@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

> 3) Get on the repeater on your way to the meeting! If nothing else, we
> can all bitch about the traffic.

Err, what is the frequency of the repeater? The web site mentions it,
but no details.

The web site also mentions WWDXC name tags. How do I order one?

I hope to make it to the meeting.

Bob

--
Bob Nielsen, N7XY   nielsen@oz.net
Bainbridge Island, WA   http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

Date: Mon, 12 Feb 2001 18:31:27 -0500
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <nielsen@oz.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91465] Re: Tuesday Meeting
Message-ID: <01f801c0954b$ecab29a0$b101b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>The web site also mentions WWDXC name tags.
>How do I order one?

You go to the meeting, and write your name and callsign on one of those
"stick-on" tags.

Just make sure that you save it for the next meeting.

73,
Dick K2JQ

Date: Mon, 12 Feb 2001 18:47:41 -0500
From: Ed Kessler <edkess@epix.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91466] FS Again, MFJ Cub 40m
Message-ID: <5.0.2.1.0.20010212184234.00a03080@mailhost.epix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Original sale fell through so I'm posting this again.
I can't find the emails of the other person's interested, so it's up for grabs.

MFJ Cub 40m, Excellent condition, Two Mods: Tick 1 Keyer installed, and an
RF Gain control pot installed and mounted on the back panel. $95 plus
shipping.

73s
Ed AA3SJ

End of QRP-L Digest 2096
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